Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071818\

Quantitation Report (Not Reviewed)

Data File : VL032259.D
Acq On : 18 Jul 2018 9:18
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Jul 18 09:54:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1759418	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3988789	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	5368007	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3663052	8.82	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 88.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.13	85	2783254	10.987	ppbv	99
3) Chlorodifluoromethane	3.06	51	1802500	8.337	ppbv	99
4) Chloromethane	3.22	50	1090128	8.864	ppbv	99
5) Vinyl Chloride	3.34	62	1031646	8.514	ppbv	99
6) Bromomethane	3.57	94	562961	8.345	ppbv	97
7) Chloroethane	3.66	64	363690	8.715	ppbv	99
8) Dichlorotetrafluoroethane	3.27	85	2192131	7.879	ppbv	99
9) Propene	3.09	41	859700	9.328	ppbv	100
10) Heptane	8.33	43	2960906	11.312	ppbv	99
11) Trichlorofluoromethane	4.07	101	2168217	8.947	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.62	101	1343168	8.678	ppbv	99
13) Ethanol	3.71	45	207855	7.813	ppbv	99
14) Bromoethene	3.85	108	640069	8.766	ppbv	99
15) Acetone	3.96	43	1683733	8.247	ppbv	99
16) 1,3-Butadiene	3.42	39	911963	8.840	ppbv	99
17) tert-Butyl alcohol	4.42	59	550631	5.776	ppbv	99
18) 1,1-Dichloroethene	4.42	96	645520	8.962	ppbv	96
19) Isopropyl Alcohol	4.09	45	1232582	9.194	ppbv	99
20) Methylene Chloride	4.47	84	596271	8.618	ppbv	99
21) Allyl Chloride	4.55	41	1176007	9.839	ppbv	98
22) trans-1,2-Dichloroethene	5.04	96	692427	10.099	ppbv	98
23) Vinyl Acetate	5.22	43	3296781	9.709	ppbv	99
24) 1,1-Dichloroethane	5.16	63	2233408	9.368	ppbv	99
25) Ethyl Acetate	5.85	43	3771447	9.334	ppbv	100
26) Hexane	5.86	57	1717593	9.320	ppbv	99
27) Carbon Disulfide	4.69	76	1712126	10.382	ppbv	98
28) Methyl tert-Butyl Ether	5.18	73	2730950	9.414	ppbv	98
29) Chloroform	5.93	83	2595098	9.120	ppbv	97
30) Cyclohexane	7.33	84	1522038	9.359	ppbv	97
31) cis-1,2-Dichloroethene	5.72	61	1730850	9.411	ppbv	97
32) 1,1,1-Trichloroethane	6.70	97	2589157	9.378	ppbv	100
34) 2-Butanone	5.40	43	2600940	9.570	ppbv	99
35) Carbon Tetrachloride	7.22	117	2572586	9.530	ppbv	98
36) Benzene	7.09	78	3693090	9.316	ppbv	98
37) 1,2-Dichloroethane	6.49	62	2144911	9.883	ppbv	99
38) Trichloroethene	8.05	130	1240117	9.120	ppbv	98
39) 1,2-Dichloropropane	7.82	63	1467211	9.313	ppbv	98
40) 1,4-Dioxane	8.04	88	476835	8.827	ppbv #	44
41) Tetrahydrofuran	6.23	42	1656297	10.890	ppbv	97
42) Bromodichloromethane	8.00	83	2807189	9.084	ppbv	97
43) Methyl Methacrylate	8.22	69	1861188	12.150	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071818\

Quantitation Report (Not Reviewed)

Data File : VL032259.D
Acq On : 18 Jul 2018 9:18
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Jul 18 09:54:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.08	57	7127183	10.454	ppbv		99
45) t-1,3-Dichloropropene	9.50	75	2040116	11.182	ppbv		98
46) cis-1,3-Dichloropropene	8.93	75	2724718	10.949	ppbv		99
47) 1,1,2-Trichloroethane	9.71	97	1669541	9.488	ppbv		98
48) Dibromochloromethane	10.55	129	2486817	9.500	ppbv		100
49) Bromoform	13.30	173	2080241	9.913	ppbv		99
50) 4-Methyl-2-Pentanone	8.96	43	4623638	9.834	ppbv		99
51) 2-Hexanone	10.36	43	3179539	8.097	ppbv	#	99
52) Tetrachloroethene	11.47	164	1187001	8.104	ppbv		98
53) Toluene	10.04	91	4742004	10.118	ppbv		99
54) 1,2-Dibromoethane	10.85	107	2411502	9.283	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.38	131	1802476	7.730	ppbv	#	60
57) Chlorobenzene	12.40	112	3252662	7.169	ppbv		98
58) Ethyl Benzene	12.96	91	6451927	8.254	ppbv		100
59) m/p-Xylene	13.24	91	4820410	7.495	ppbv	#	29
60) o-Xylene	13.95	91	4737771	7.465	ppbv		100
61) Styrene	13.78	104	4085255	8.591	ppbv		100
62) Isopropylbenzene	14.92	105	7233245	8.129	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.93	83	3548697	6.874	ppbv		99
64) n-propylbenzene	15.82	120	1903344	8.449	ppbv		100
65) tert-Butylbenzene	17.00	119	5892591	7.905	ppbv		100
66) Benzyl Chloride	17.25	91	4215003	11.173	ppbv		100
67) sec-Butylbenzene	17.55	105	8751563	8.035	ppbv		100
69) p-Isopropyltoluene	17.91	119	6877974	8.110	ppbv		100
70) n-Butylbenzene	18.81	91	7729084	8.250	ppbv		100
71) 2-Chlorotoluene	15.71	91	5875184	8.389	ppbv		99
72) 4-Ethyltoluene	16.10	105	6096463	8.561	ppbv		99
73) 1,3,5-Trimethylbenzene	16.25	105	5754274	8.690	ppbv		98
74) 1,2,4-Trimethylbenzene	17.02	105	5568634	8.225	ppbv		99
75) 1,3-Dichlorobenzene	17.26	146	3057649	7.570	ppbv		100
76) 1,4-Dichlorobenzene	17.40	146	3135807	7.927	ppbv		99
77) 1,2-Dichlorobenzene	18.08	146	3020095	7.523	ppbv		99
78) Hexachloro-1,3-Butadiene	23.63	225	895573	7.158	ppbv		99
79) Naphthalene	22.52	128	5089402	11.197	ppbv		99
80) Naphthalene,2-methyl-	25.19	142	2500339	17.219	ppbv		100
81) 1,2,4-Trichlorobenzene	22.25	180	2393920	10.525	ppbv		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

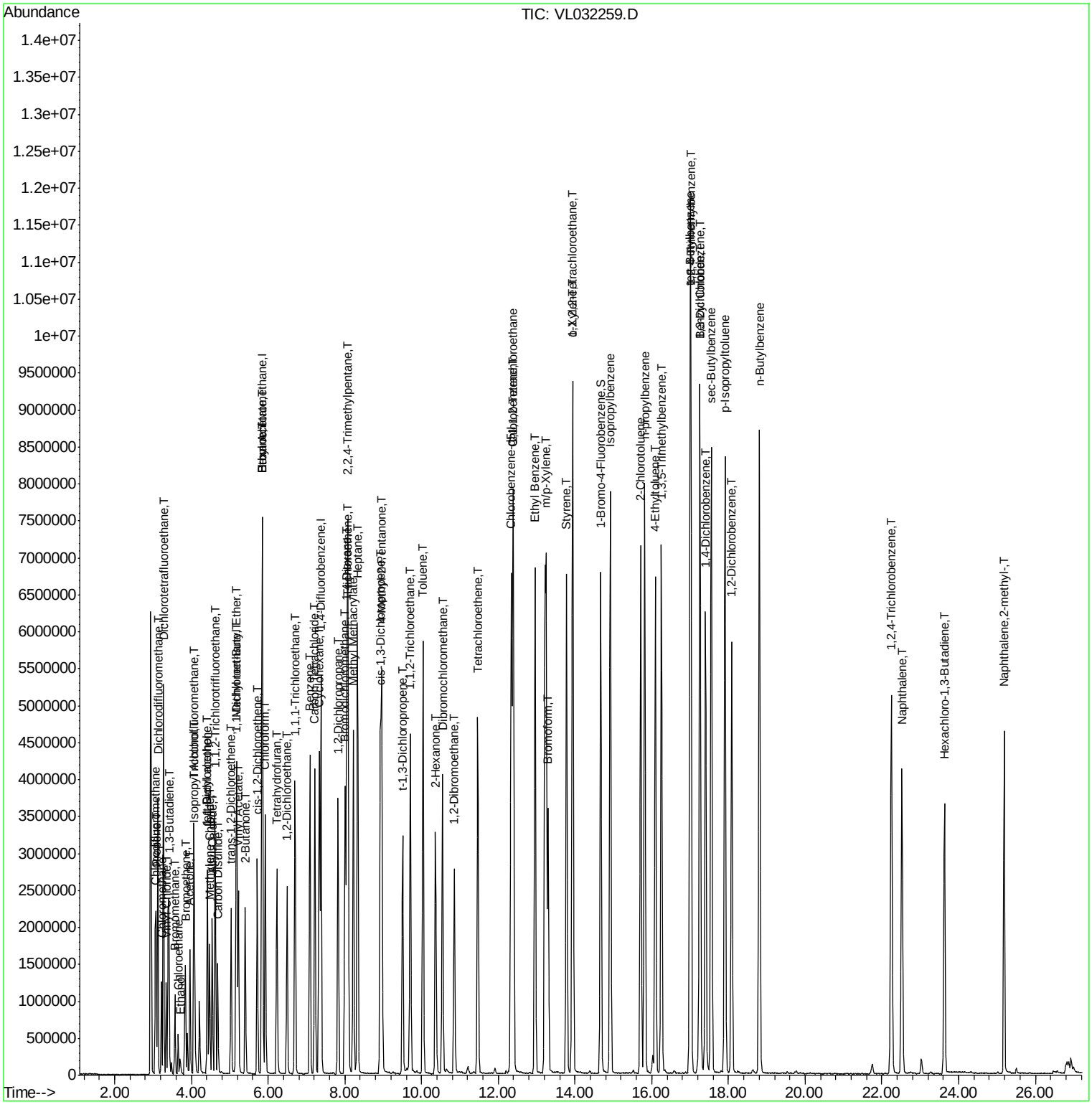
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071818\

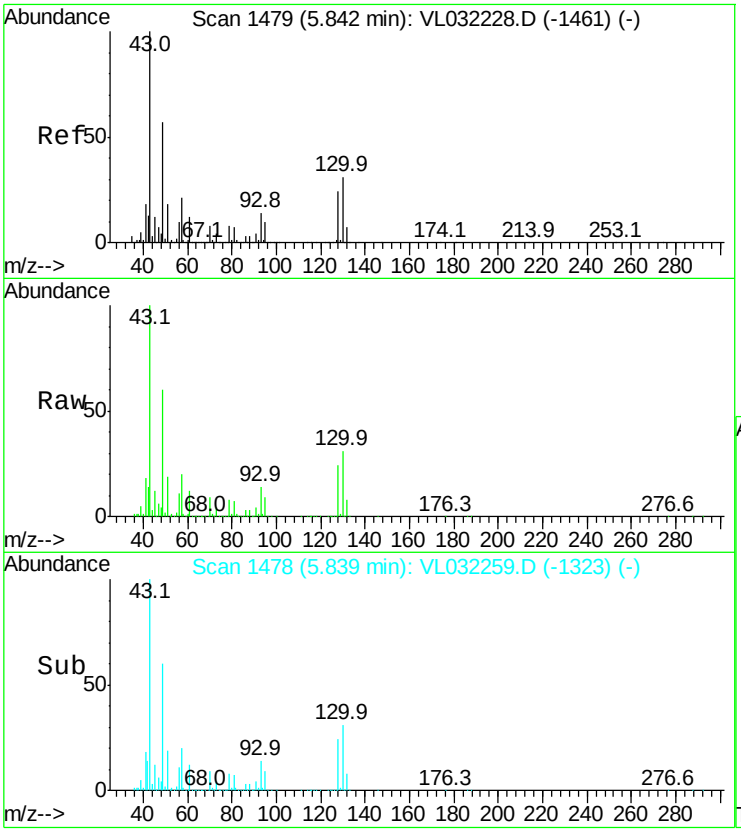
Quantitation Report (Not Reviewed)

Data File : VL032259.D
Acq On : 18 Jul 2018 9:18
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Jul 18 09:54:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 04:25:14 2018
QLast Update : Fri Jul 13 04:25:14 2018
Response via : Initial Calibration



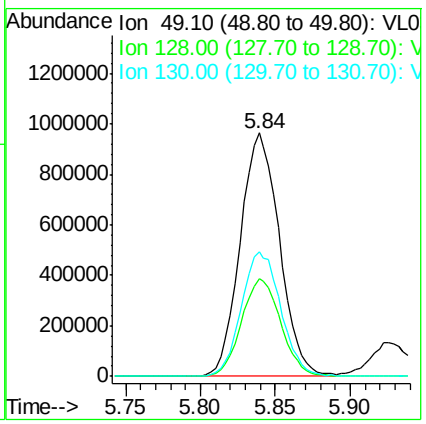


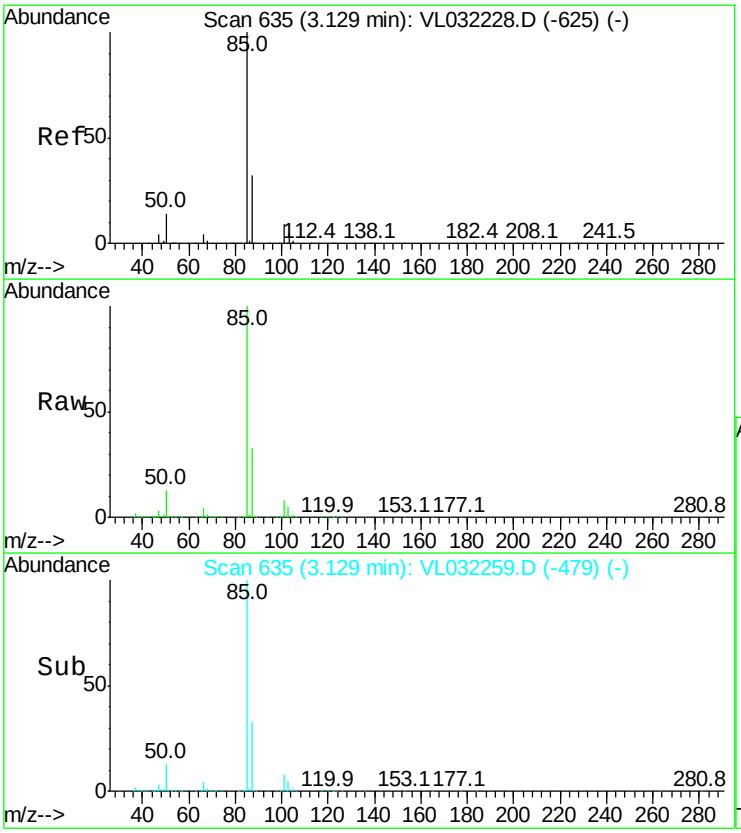
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1759418

Ion	Ratio	Lower	Upper
49	100		
128	40.1	20.9	62.8
130	51.7	27.0	81.0

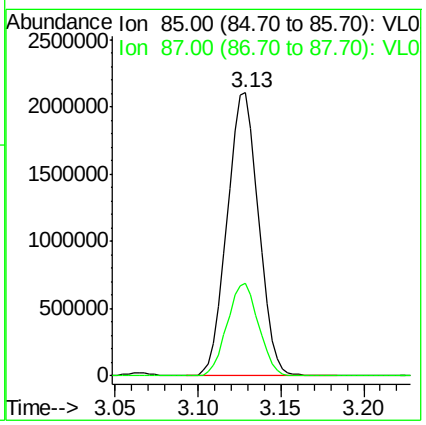


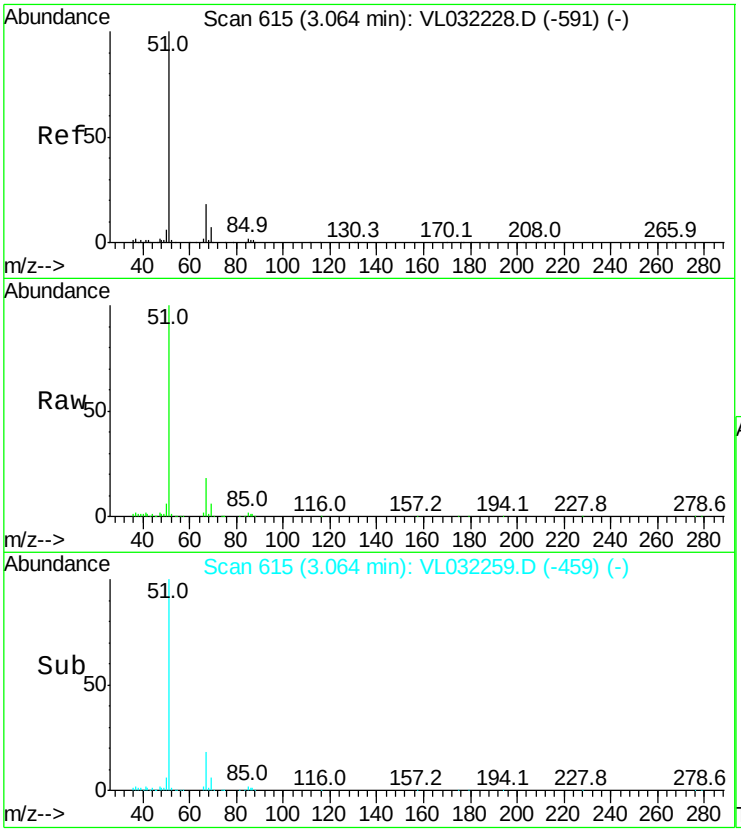


#2
Dichlorodifluoromethane
Concen: 10.987 ppbv
RT: 3.13 min Scan# 635
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 85 Resp: 2783254

Ion	Ratio	Lower	Upper
85	100		
87	32.7	25.8	38.6



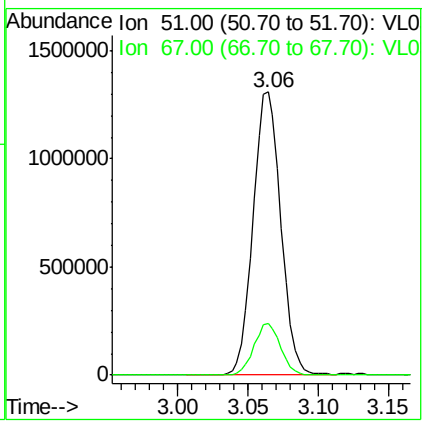


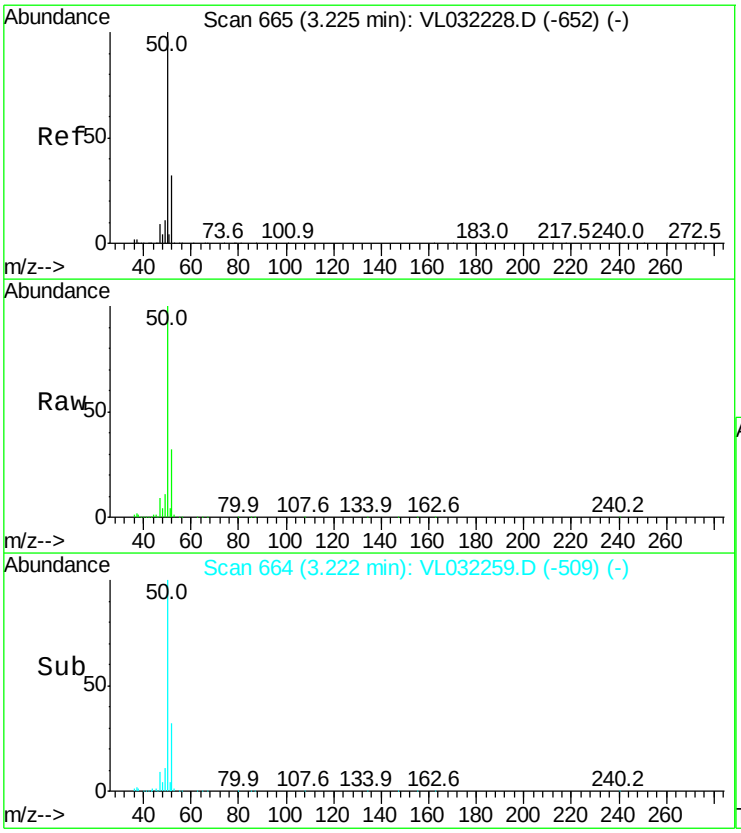
#3
Chlorodifluoromethane
Concen: 8.337 ppbv
RT: 3.06 min Scan# 615
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1802500

Ion	Ratio	Lower	Upper
51	100		
67	17.8	14.6	22.0

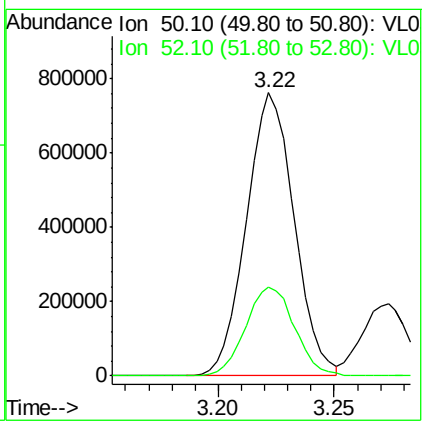


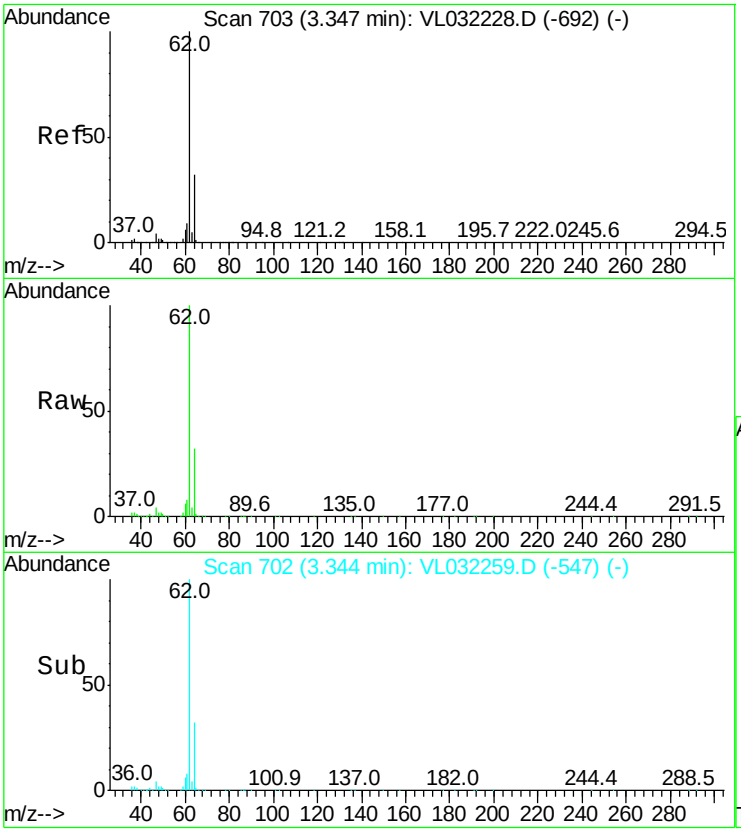


#4
Chloromethane
Concen: 8.864 ppbv
RT: 3.22 min Scan# 664
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 50 Resp: 1090128

Ion	Ratio	Lower	Upper
50	100		
52	31.6	25.7	38.5



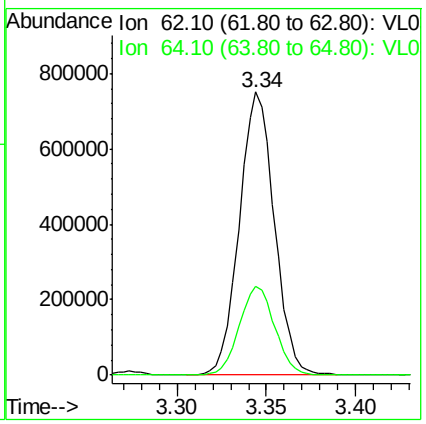


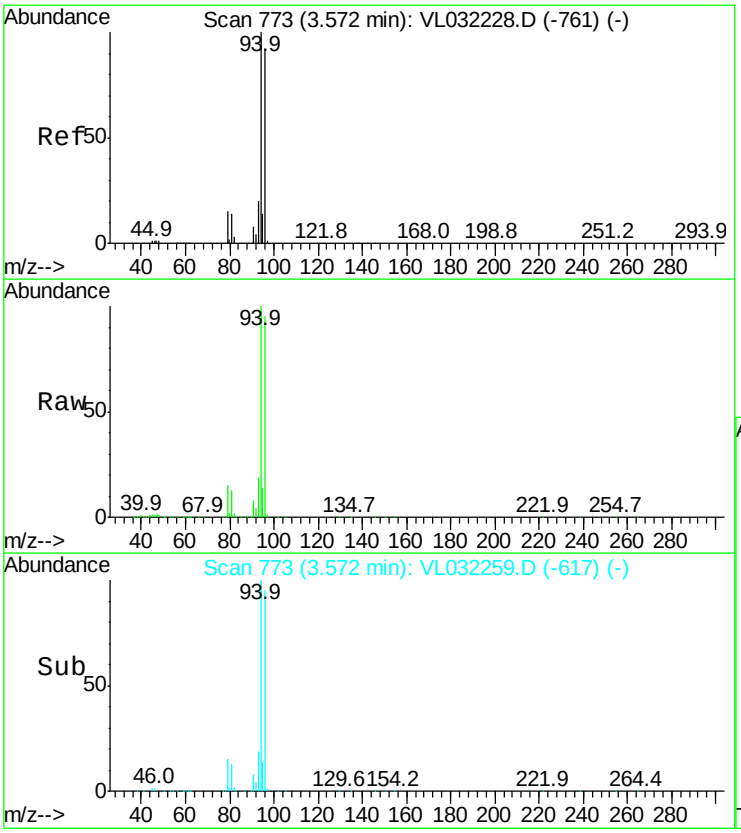
#5
Vinyl Chloride
Concen: 8.514 ppbv
RT: 3.34 min Scan# 702
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1031646

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.8	38.6

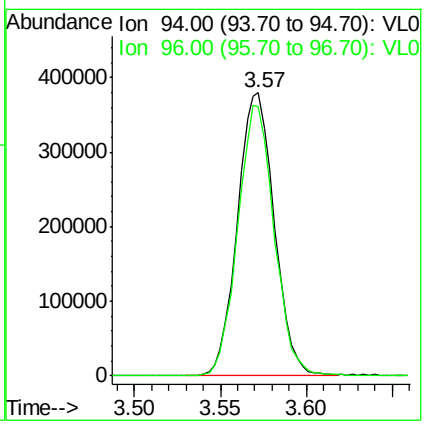


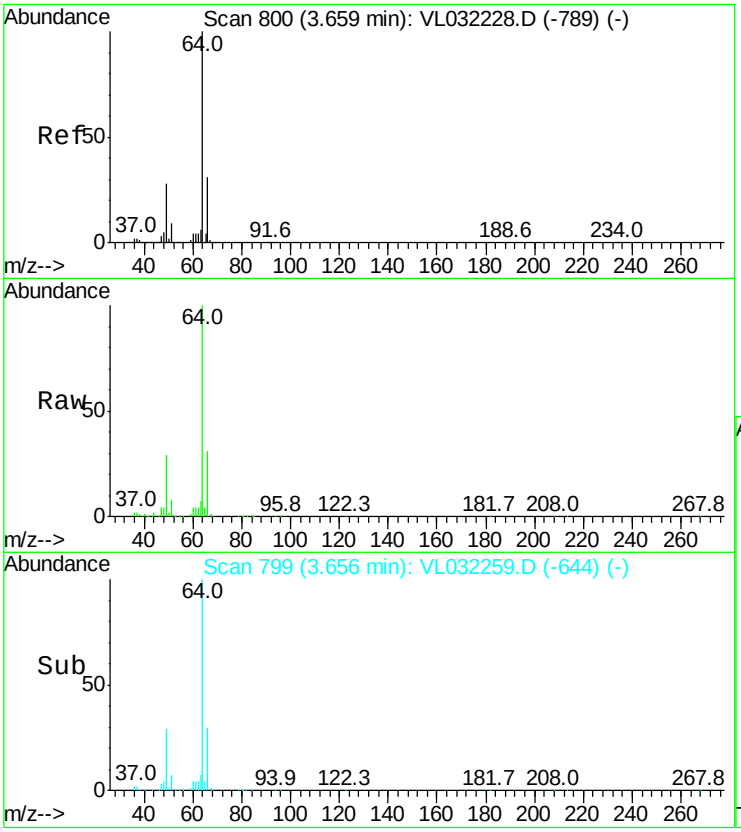


#6
Bromomethane
Concen: 8.345 ppbv
RT: 3.57 min Scan# 773
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 94 Resp: 562961

Ion	Ratio	Lower	Upper
94	100		
96	95.1	73.5	110.3



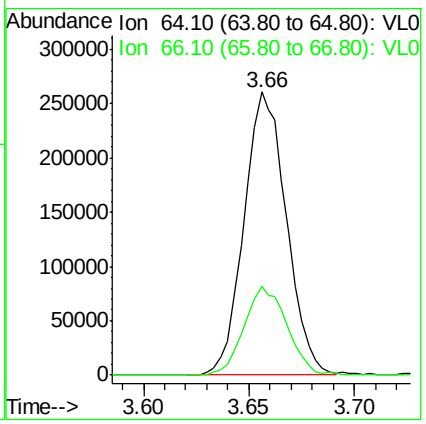


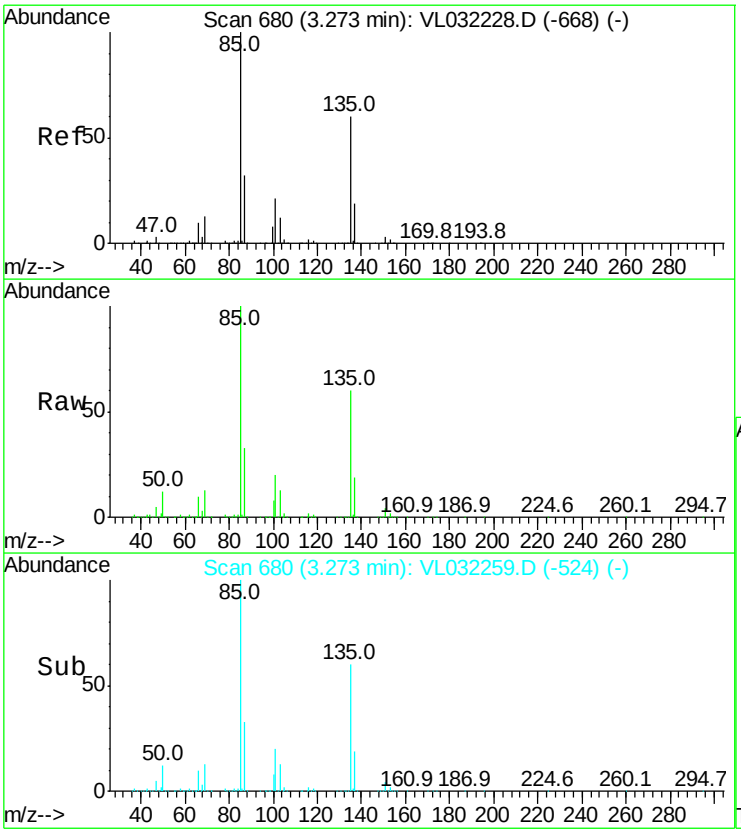
#7
Chloroethane
Concen: 8.715 ppbv
RT: 3.66 min Scan# 799
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 363690

Ion	Ratio	Lower	Upper
64	100		
66	31.2	24.4	36.6

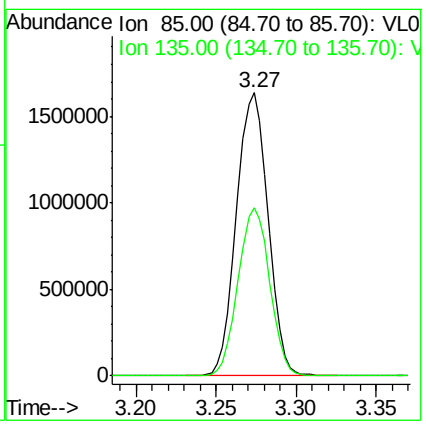


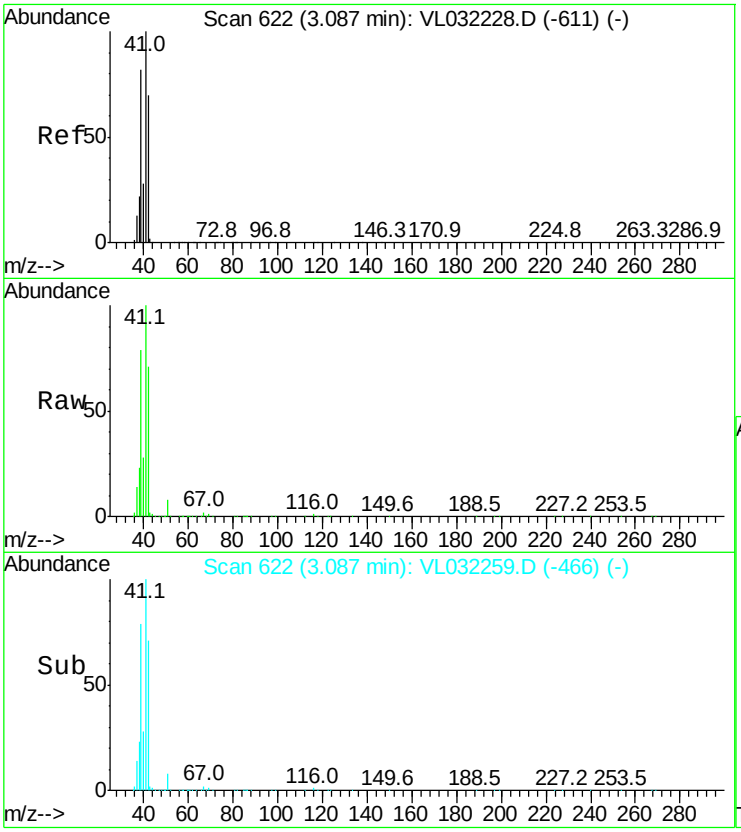


#8
Dichlorotetrafluoroethane
Concen: 7.879 ppbv
RT: 3.27 min Scan# 680
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 85 Resp: 2192131

Ion	Ratio	Lower	Upper
85	100		
135	59.8	48.6	72.8



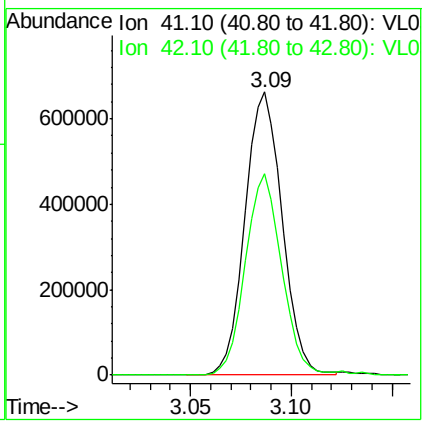


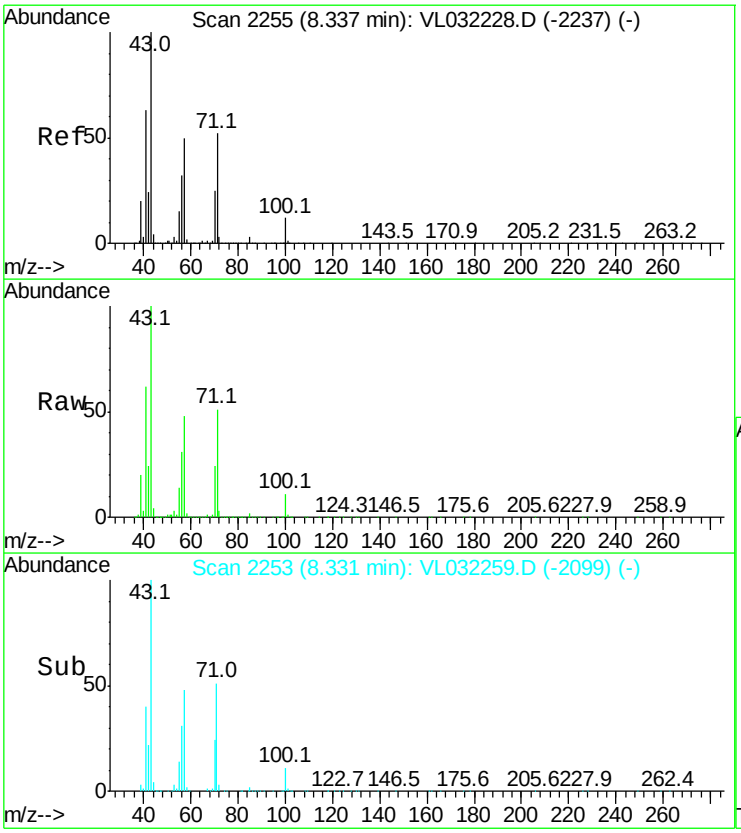
#9
Propene
Concen: 9.328 ppbv
RT: 3.09 min Scan# 622
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 859700

Ion	Ratio	Lower	Upper
41	100		
42	70.3	56.2	84.4

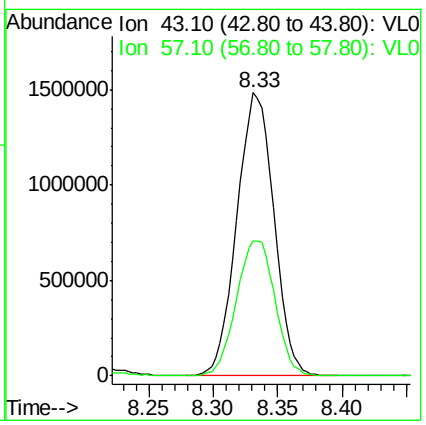


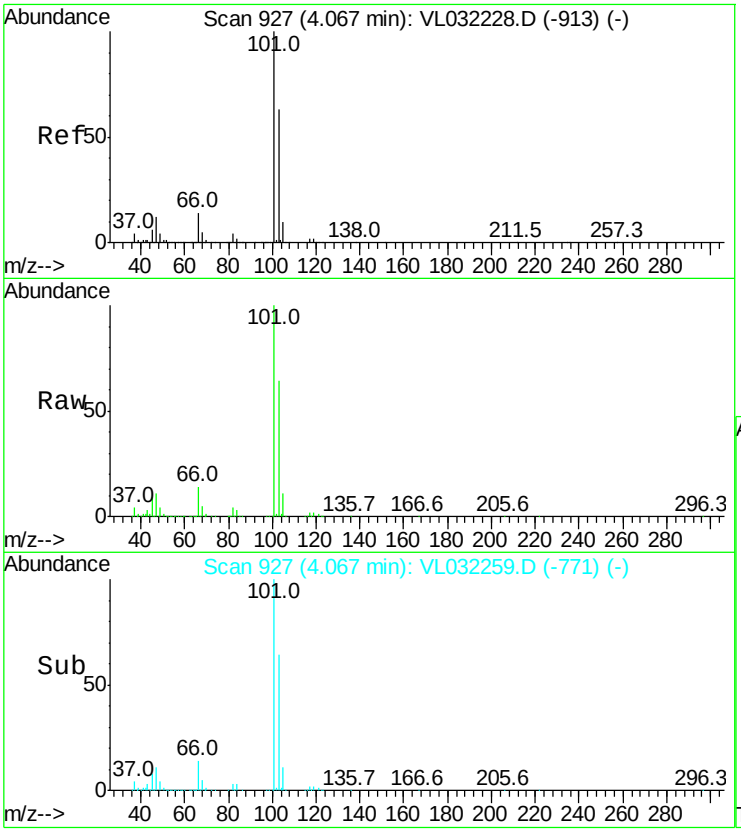


#10
Heptane
Concen: 11.312 ppbv
RT: 8.33 min Scan# 2253
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 43 Resp: 2960906

Ion	Ratio	Lower	Upper
43	100		
57	49.9	40.7	61.1



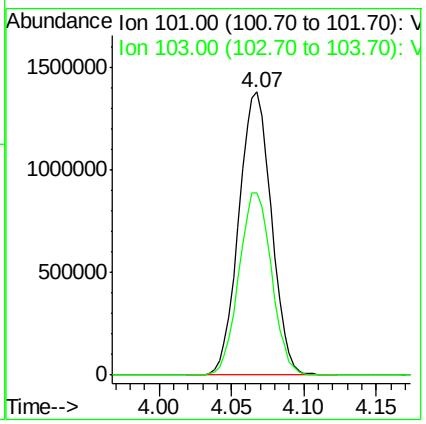


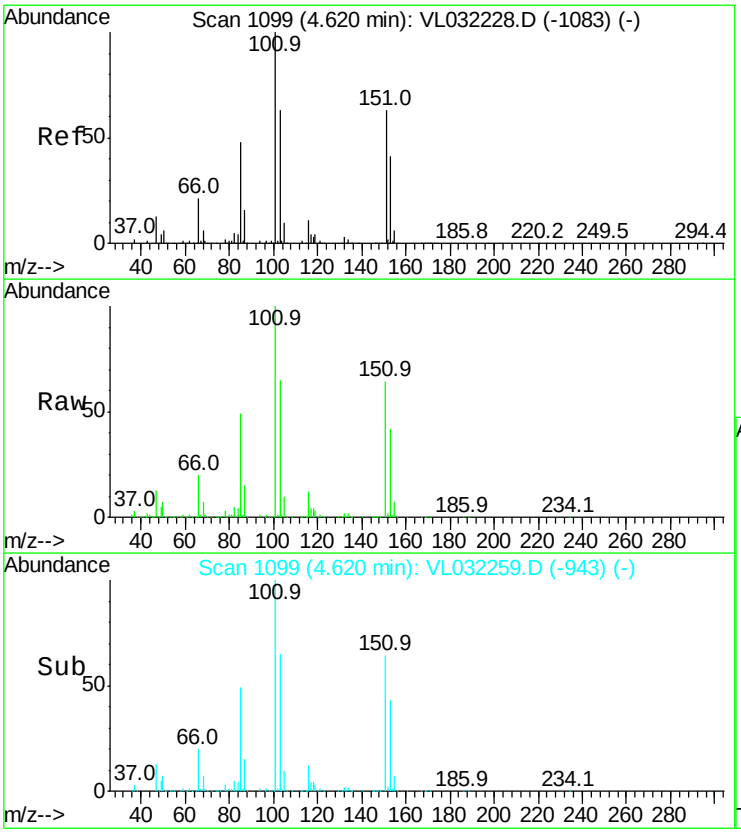
#11
Trichlorofluoromethane
Concen: 8.947 ppbv
RT: 4.07 min Scan# 927
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 2168217

Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.2	75.2

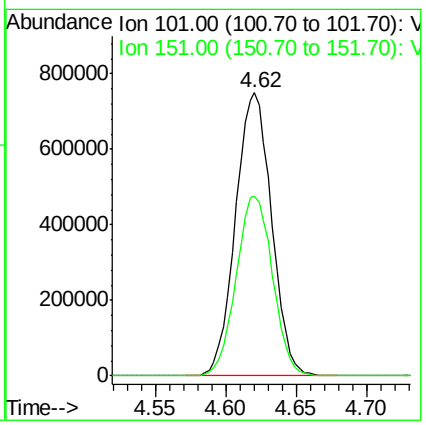


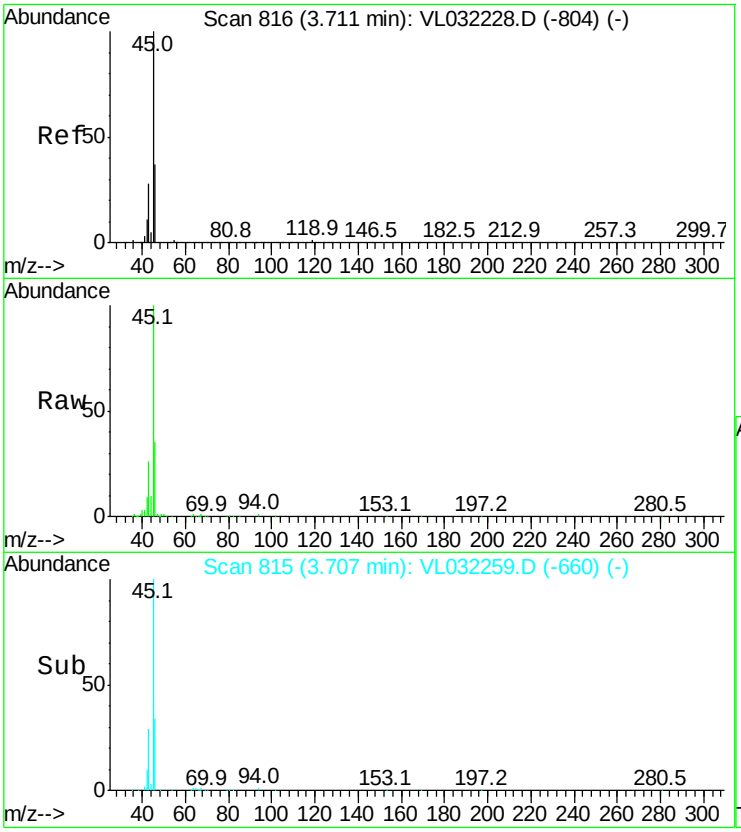


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.678 ppbv
RT: 4.62 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:101 Resp: 1343168

Ion	Ratio	Lower	Upper
101	100		
151	64.1	52.2	78.2



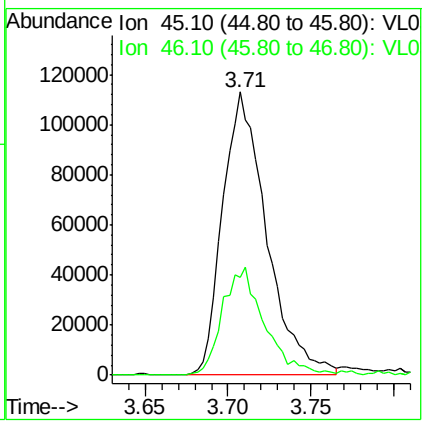


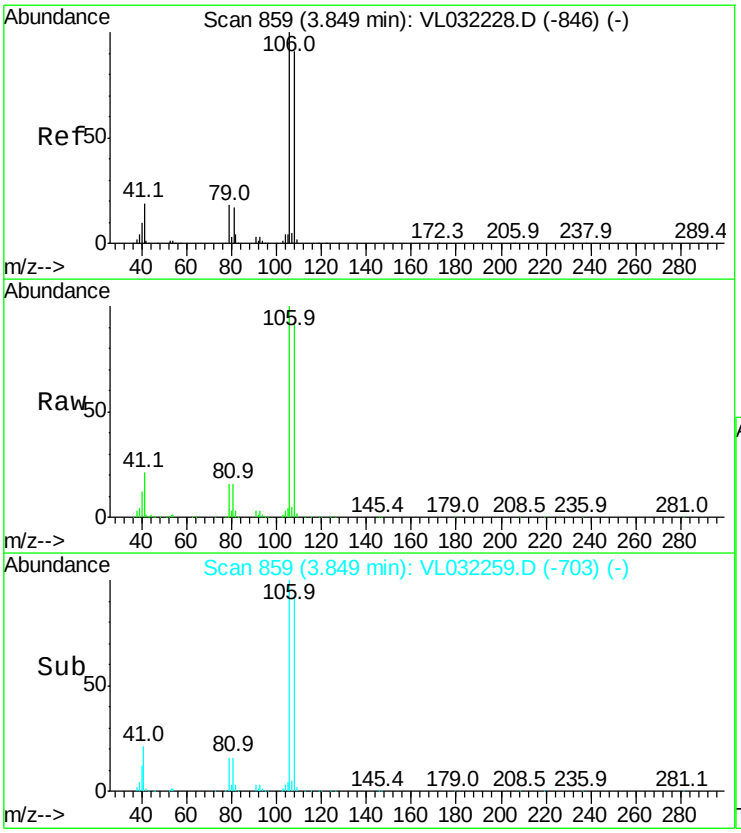
#13
Ethanol
Concen: 7.813 ppbv
RT: 3.71 min Scan# 815
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 207855

Ion	Ratio	Lower	Upper
45	100		
46	38.0	15.5	61.9

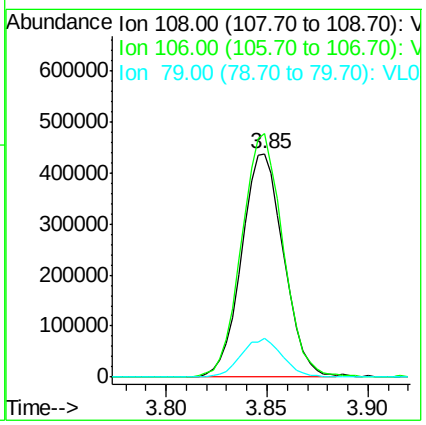


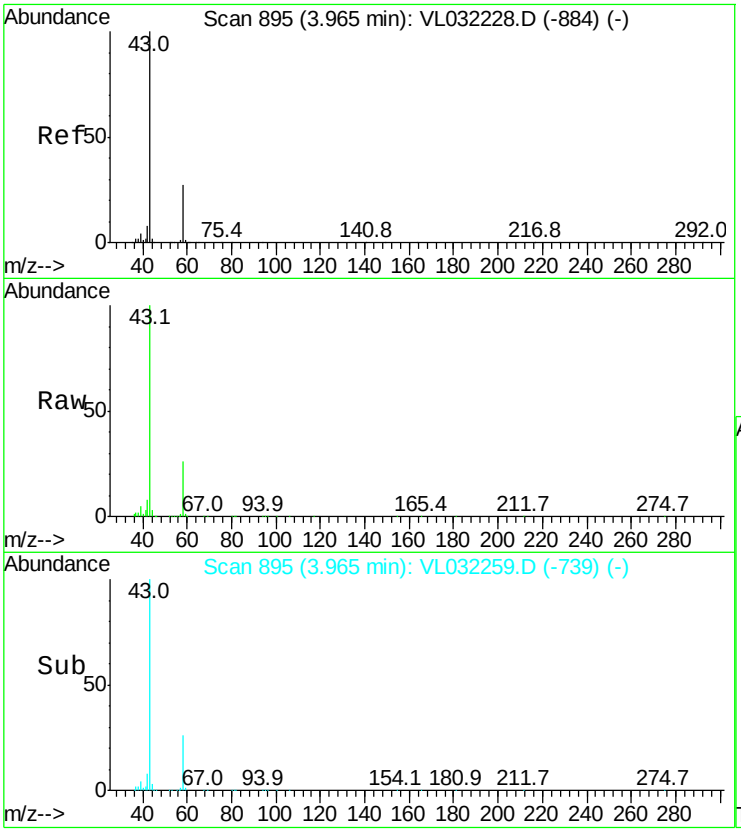


#14
Bromoethene
Concen: 8.766 ppbv
RT: 3.85 min Scan# 859
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:108 Resp: 640069

Ion	Ratio	Lower	Upper
108	100		
106	107.8	85.5	128.3
79	17.5	14.2	21.4



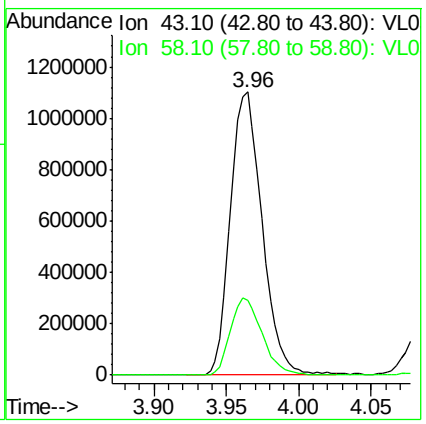


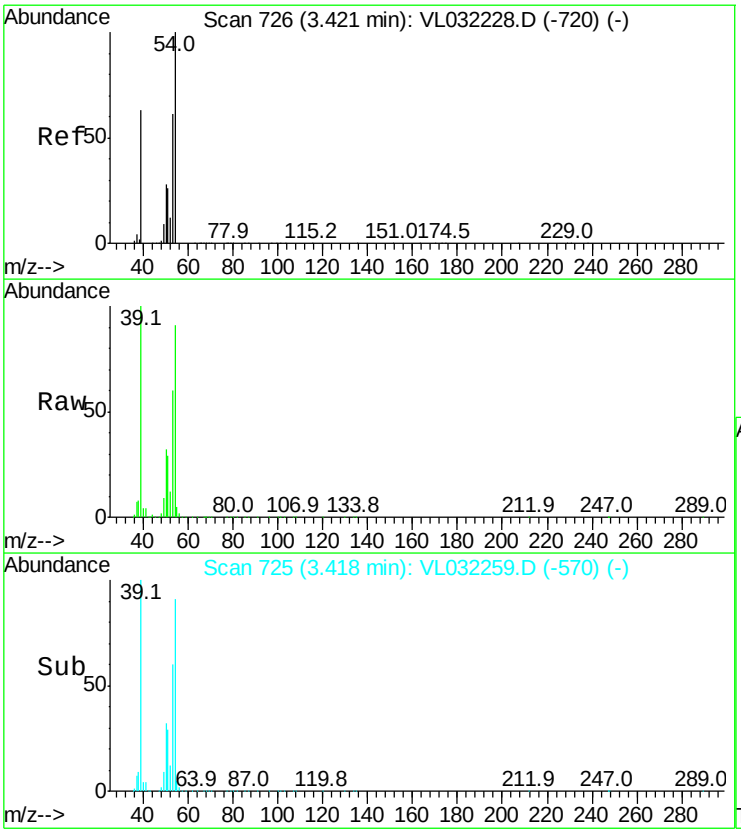
#15
Acetone
Concen: 8.247 ppbv
RT: 3.96 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1683733

Ion	Ratio	Lower	Upper
43	100		
58	27.2	21.5	32.3

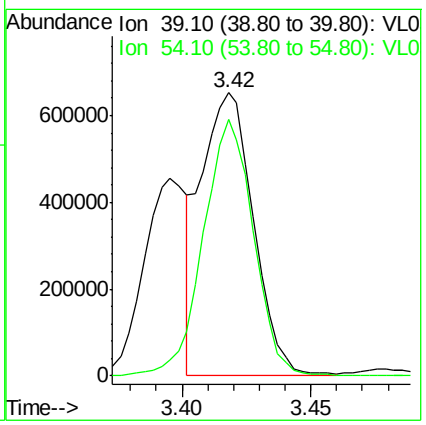


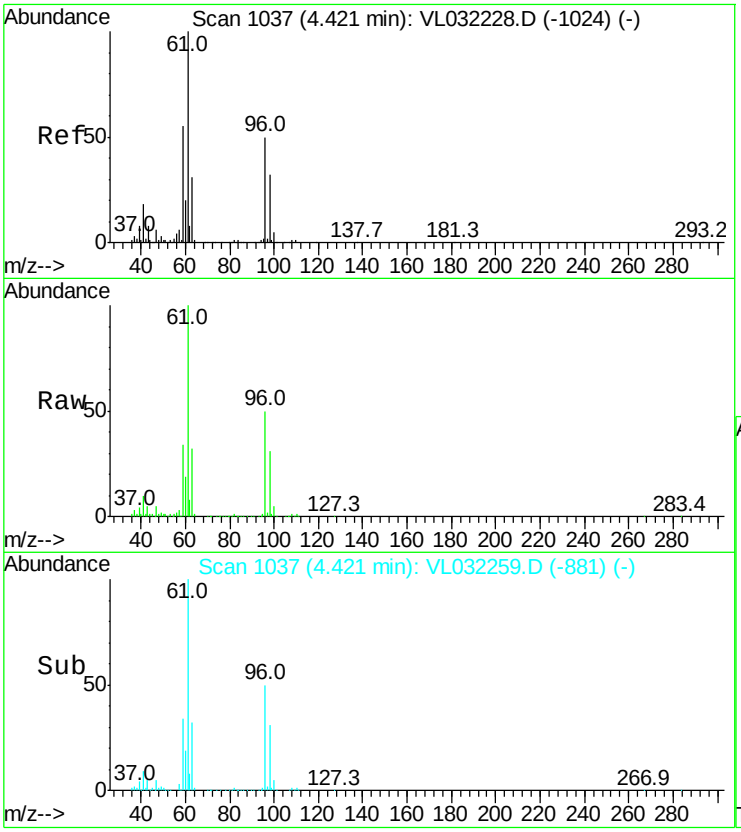


#16
1,3-Butadiene
Concen: 8.840 ppbv
RT: 3.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 39 Resp: 911963

Ion	Ratio	Lower	Upper
39	100		
54	88.2	70.0	105.0



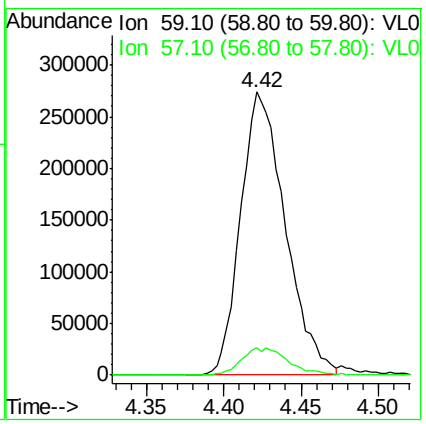


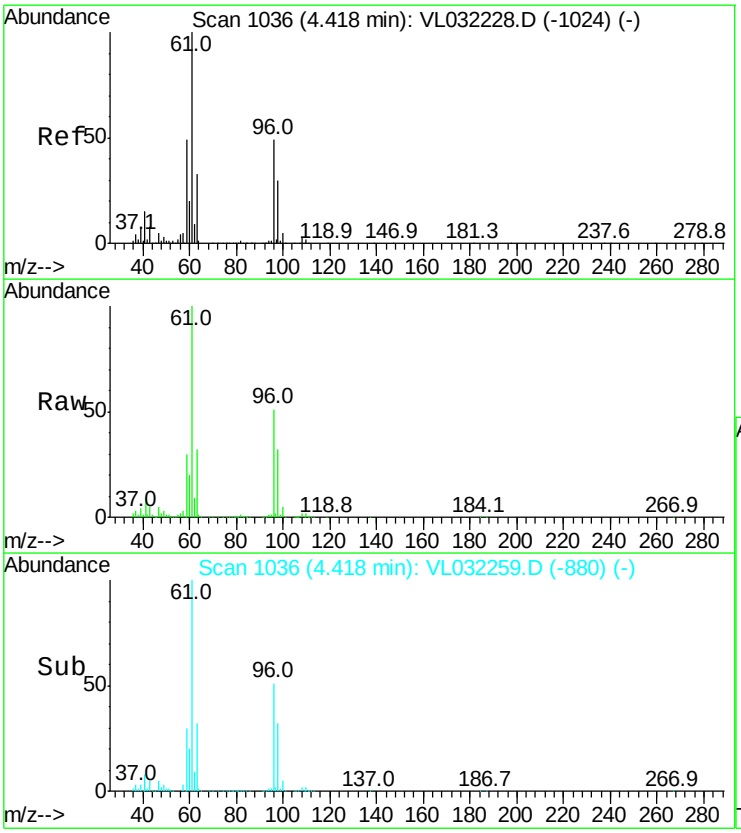
#17
tert-Butyl alcohol
Concen: 5.776 ppbv
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 550631

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

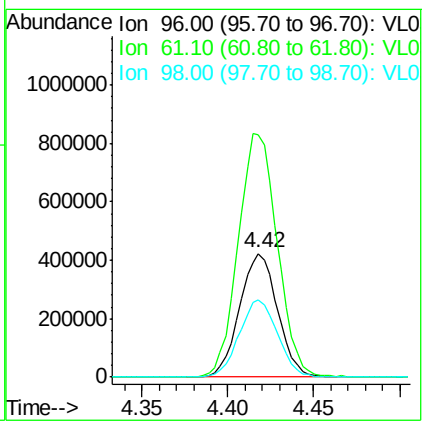


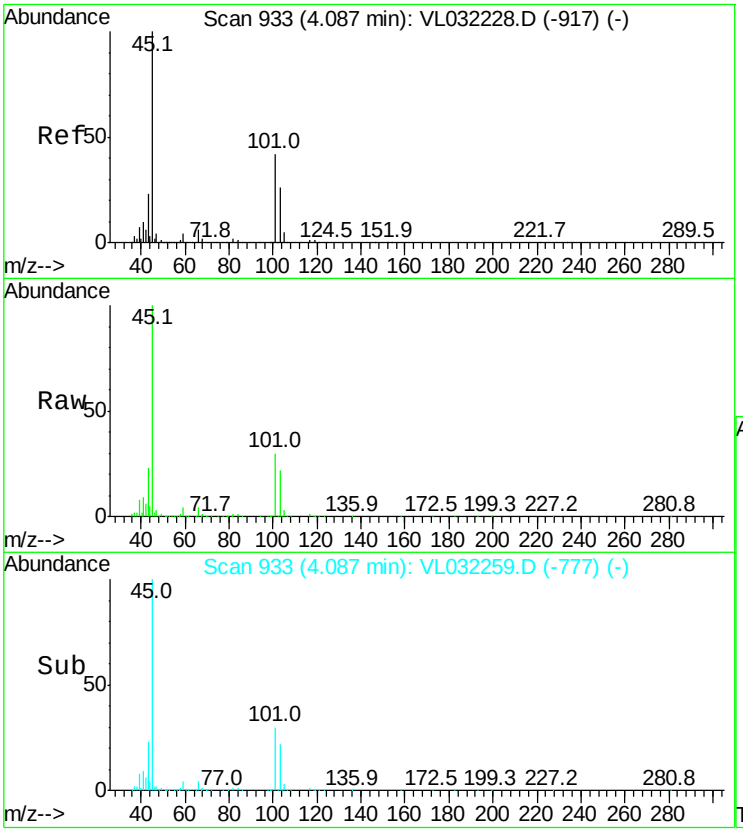


#18
1,1-Dichloroethene
Concen: 8.962 ppbv
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 96 Resp: 645520

Ion	Ratio	Lower	Upper
96	100		
61	196.5	163.0	244.4
98	62.6	48.5	72.7



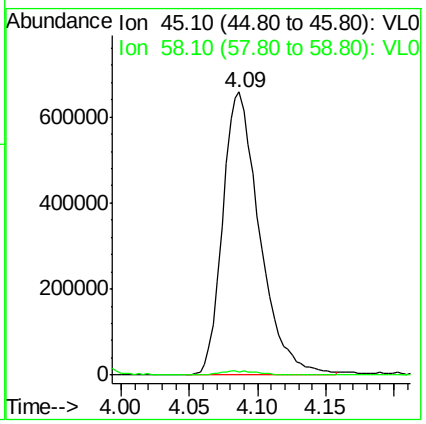


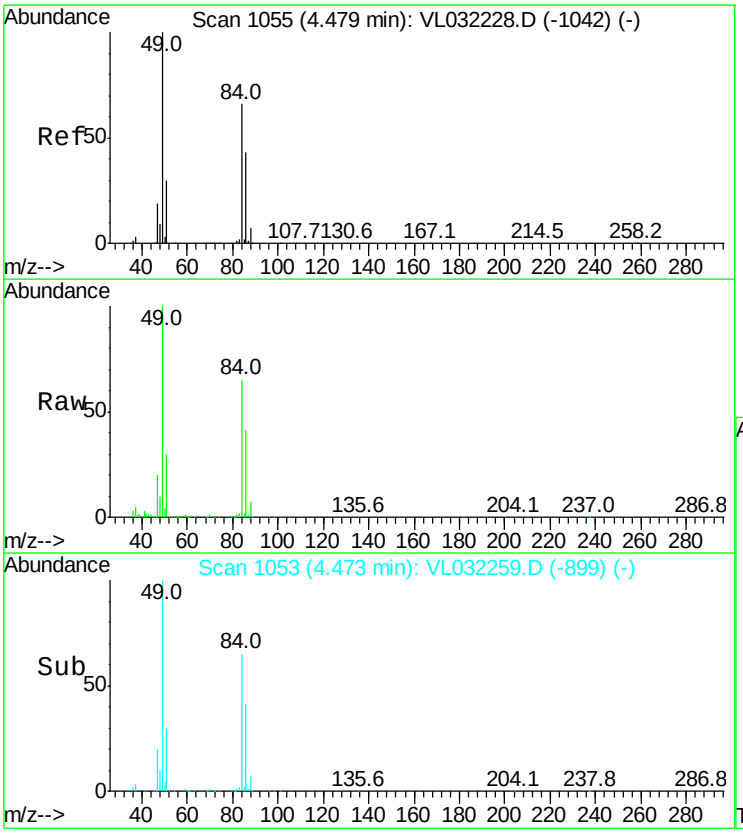
#19
Isopropyl Alcohol
Concen: 9.194 ppbv
RT: 4.09 min Scan# 933
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 1232582

Ion	Ratio	Lower	Upper
45	100		
58	1.9	1.3	1.9

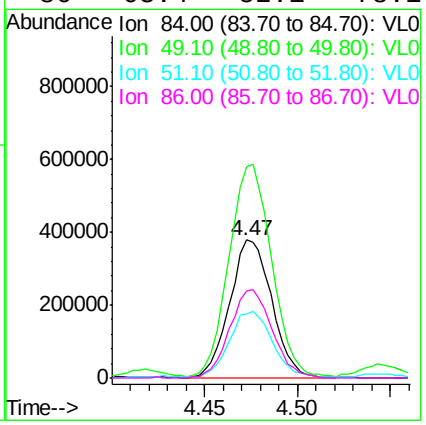


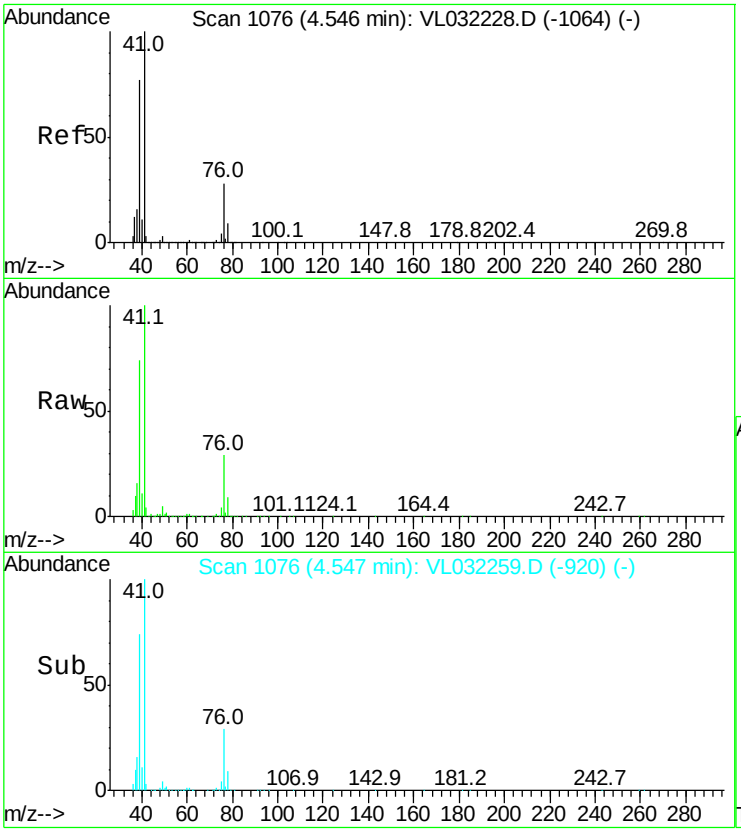


#20
Methylene Chloride
Concen: 8.618 ppbv
RT: 4.47 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 84 Resp: 596271

Ion	Ratio	Lower	Upper
84	100		
49	153.0	121.8	182.6
51	46.0	36.3	54.5
86	63.4	52.1	78.1



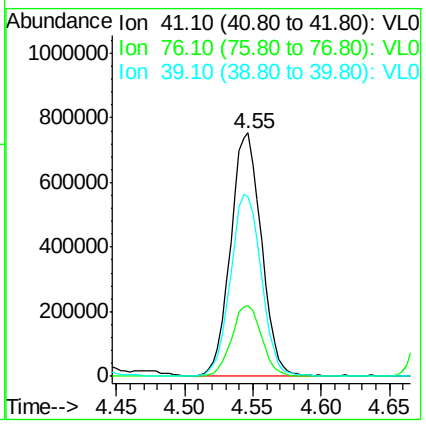


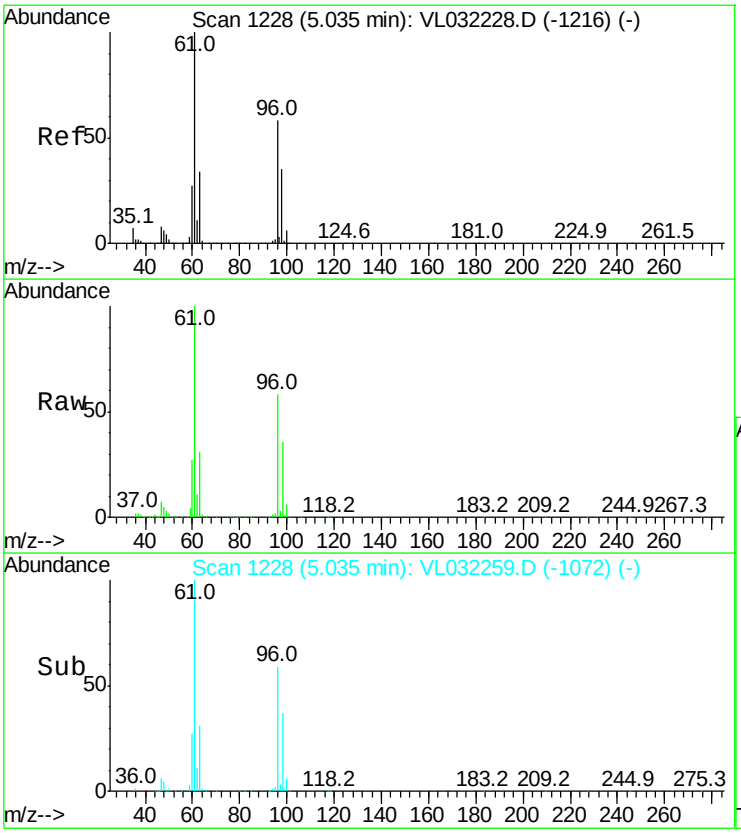
#21
Allyl Chloride
Concen: 9.839 ppbv
RT: 4.55 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 1176007

Ion	Ratio	Lower	Upper
41	100		
76	28.8	22.9	34.3
39	75.3	62.3	93.5

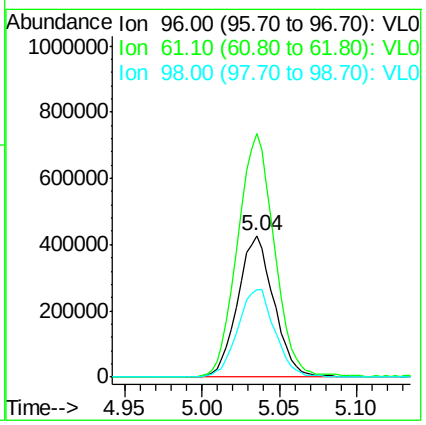


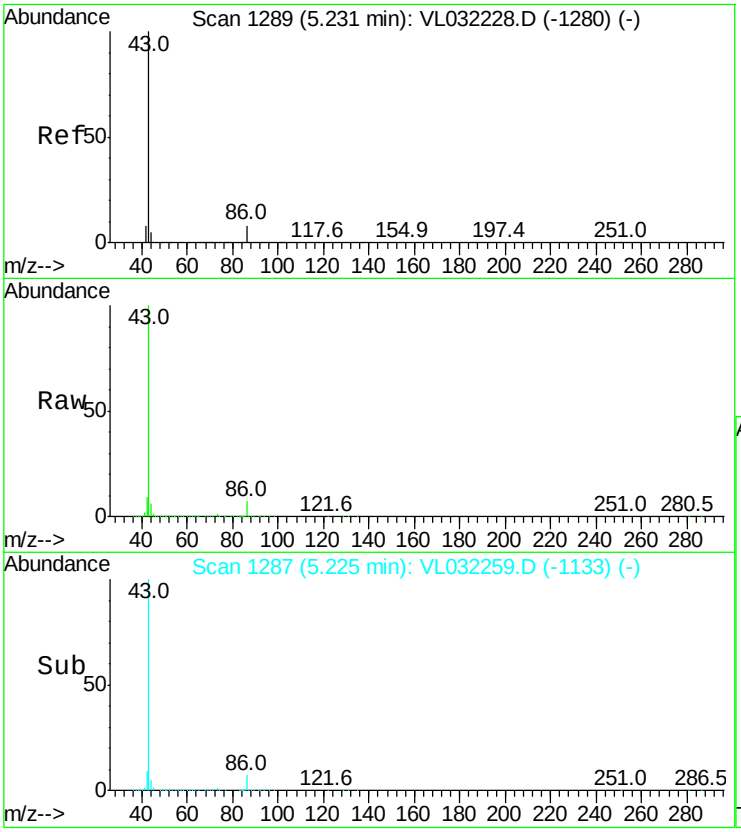


#22
trans-1,2-Dichloroethene
Concen: 10.099 ppbv
RT: 5.04 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 96 Resp: 692427

Ion	Ratio	Lower	Upper
96	100		
61	171.7	139.1	208.7
98	62.0	48.4	72.6



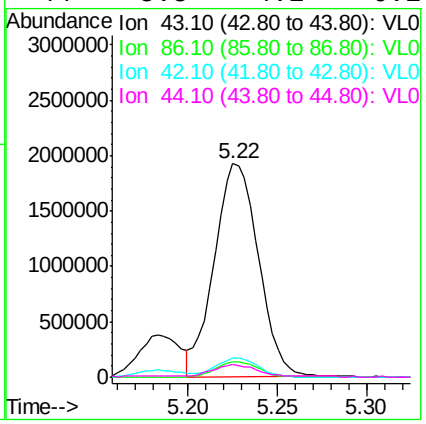


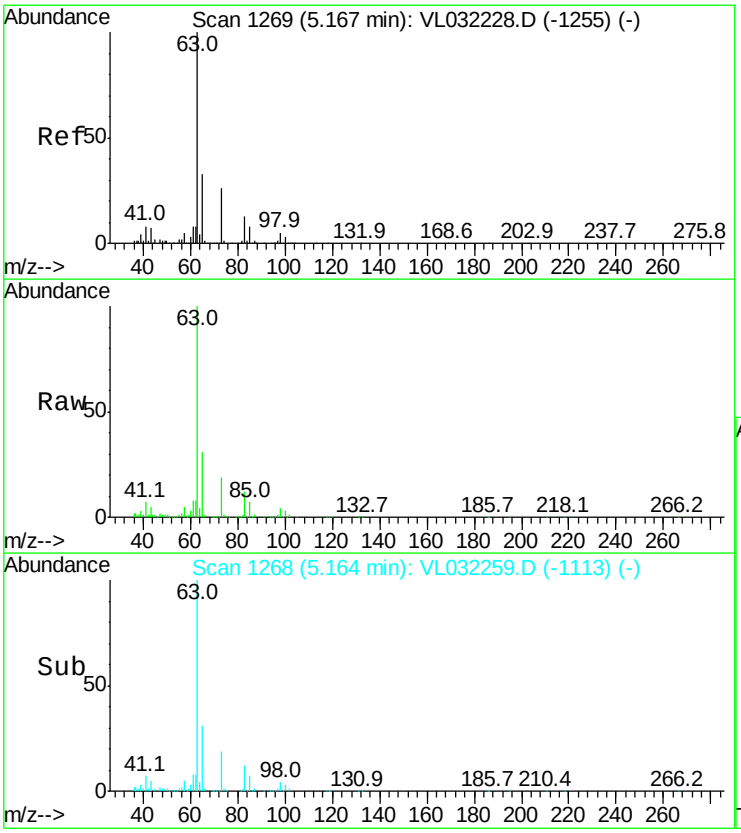
#23
Vinyl Acetate
Concen: 9.709 ppbv
RT: 5.22 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 3296781

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.9	8.9
42	9.1	7.0	10.6
44	5.5	4.2	6.2

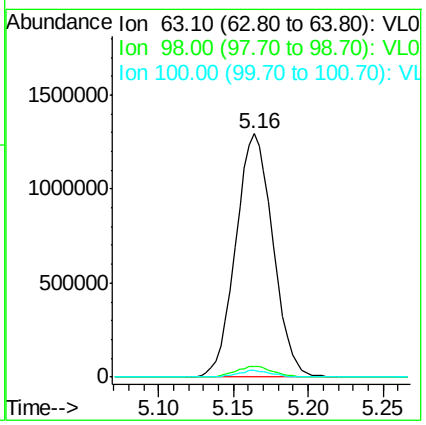


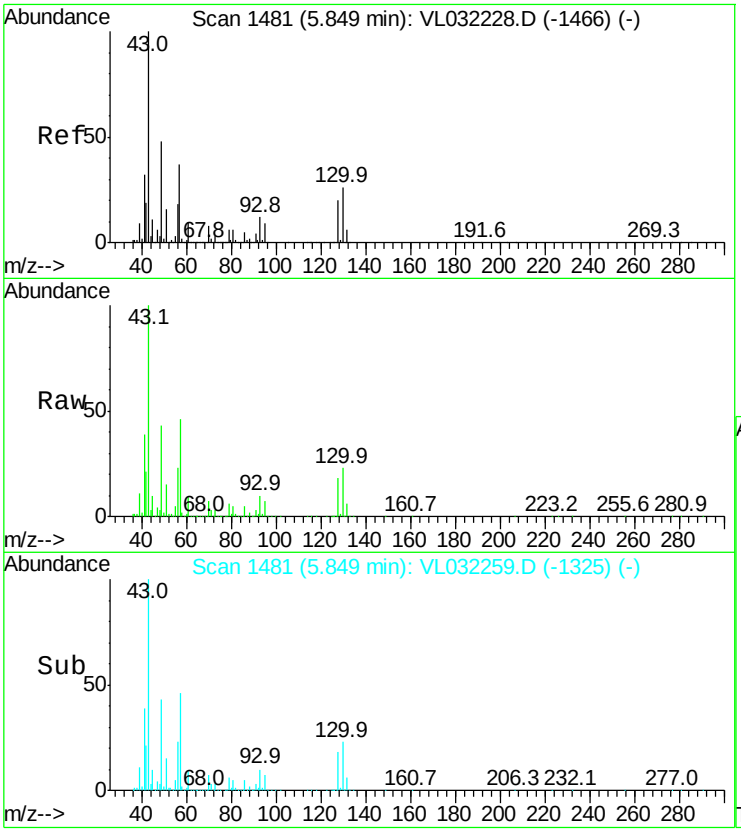


#24
1,1-Dichloroethane
Concen: 9.368 ppbv
RT: 5.16 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 63 Resp: 2233408

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.4	7.1
100	2.6	1.5	4.4



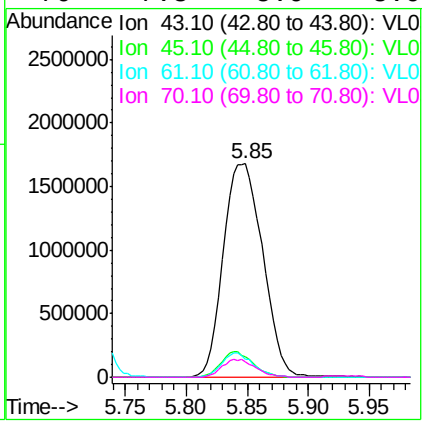


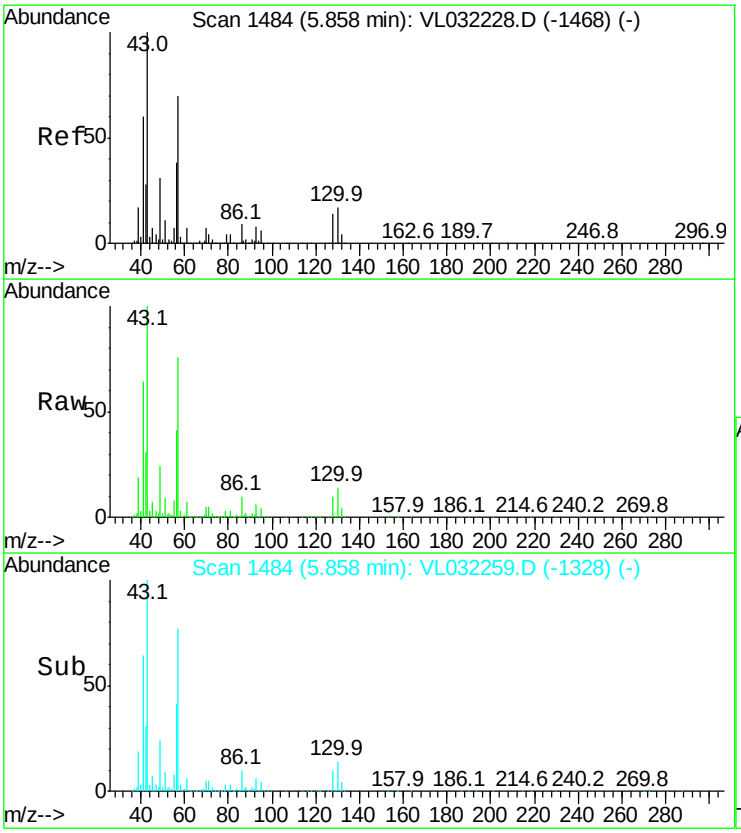
#25
Ethyl Acetate
Concen: 9.334 ppbv
RT: 5.85 min Scan# 1481
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 3771447

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.5	7.7	11.5
70	7.3	5.9	8.9

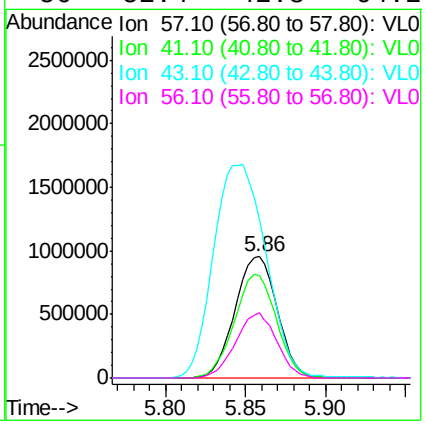


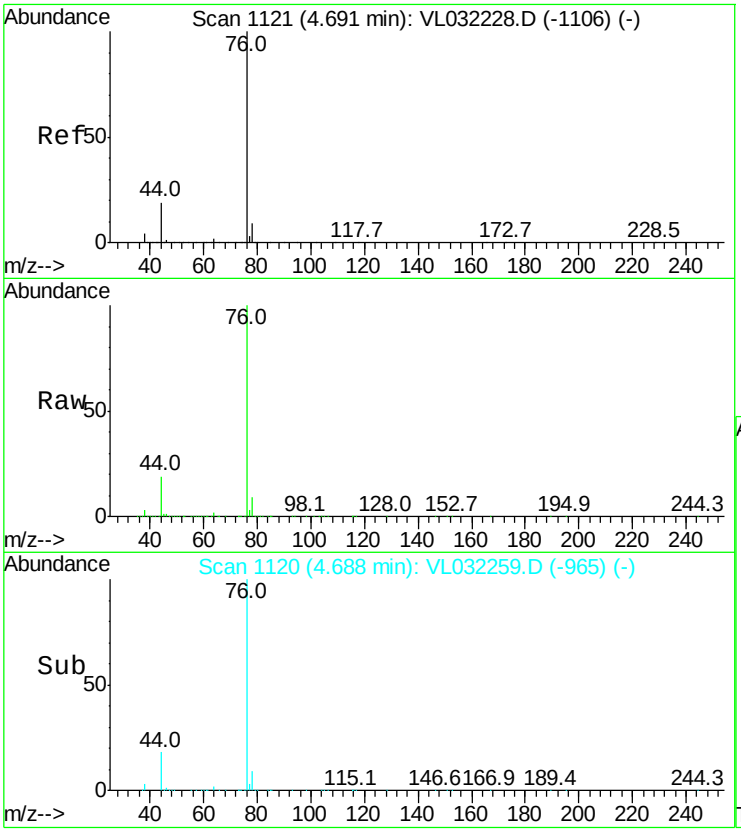


#26
Hexane
Concen: 9.320 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 57 Resp: 1717593

Ion	Ratio	Lower	Upper
57	100		
41	84.9	68.7	103.1
43	219.9	176.2	264.2
56	52.4	42.8	64.2



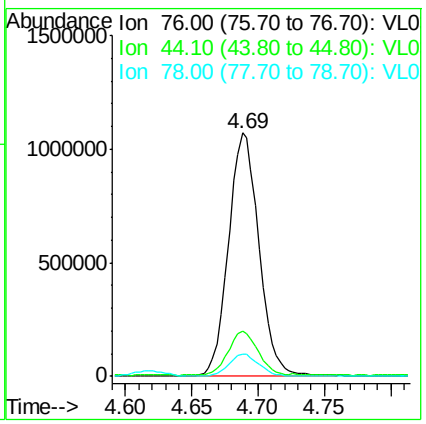


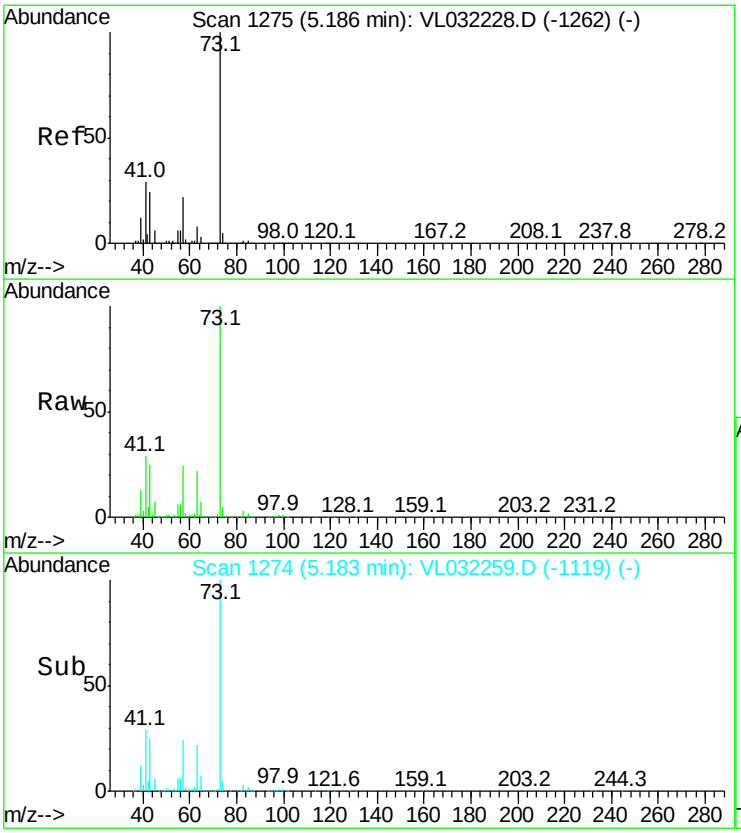
#27
Carbon Disulfide
Concen: 10.382 ppbv
RT: 4.69 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1712126

Ion	Ratio	Lower	Upper
76	100		
44	17.9	15.1	22.7
78	9.2	7.4	11.0

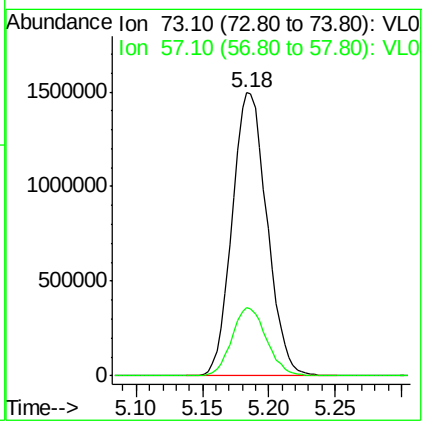


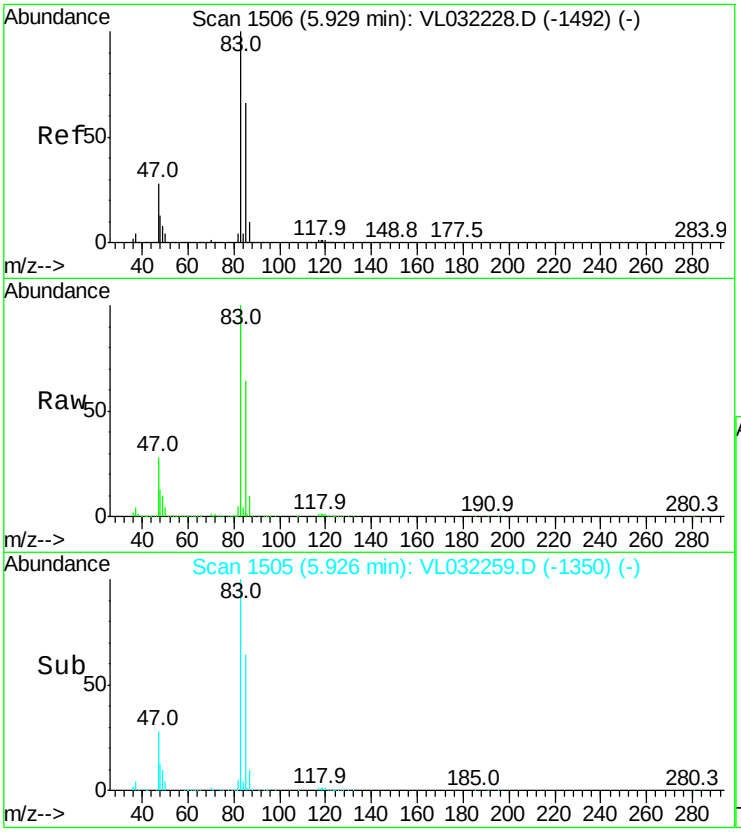


#28
Methyl tert-Butyl Ether
Concen: 9.414 ppbv
RT: 5.18 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 73 Resp: 2730950

Ion	Ratio	Lower	Upper
73	100		
57	24.1	18.6	27.8



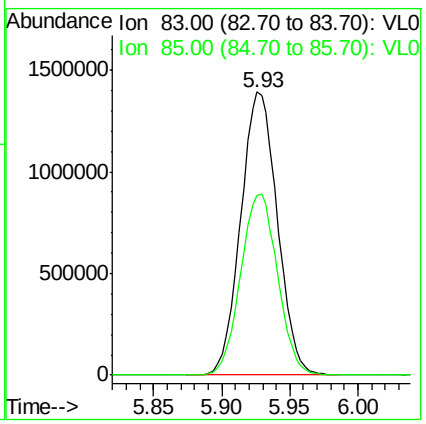


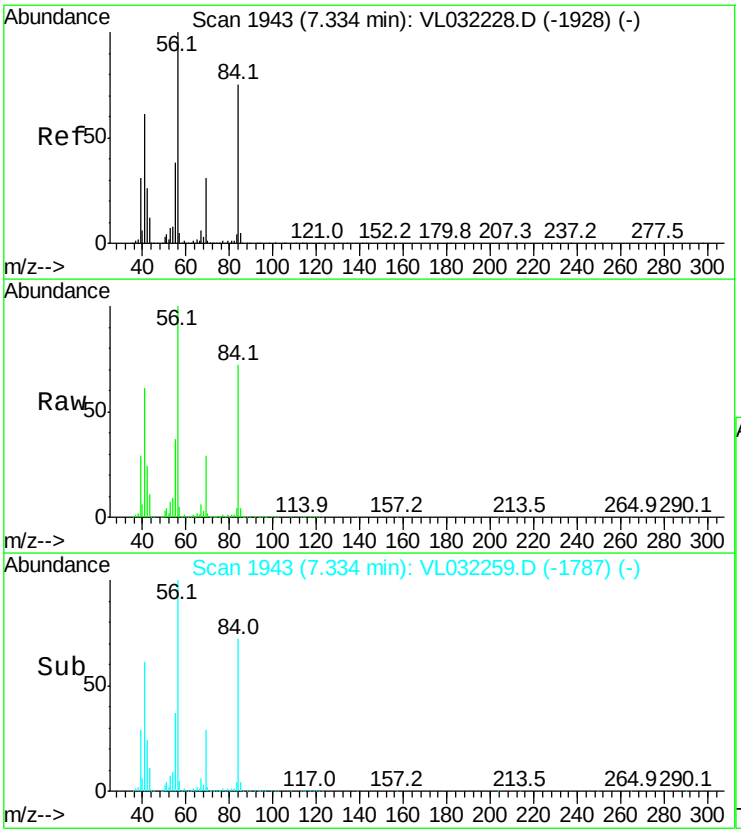
#29
Chloroform
Concen: 9.120 ppbv
RT: 5.93 min Scan# 1505
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2595098

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.7	79.1

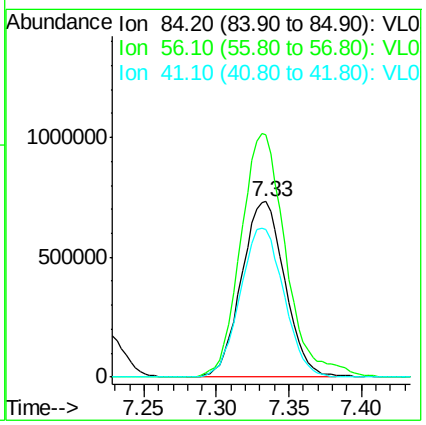


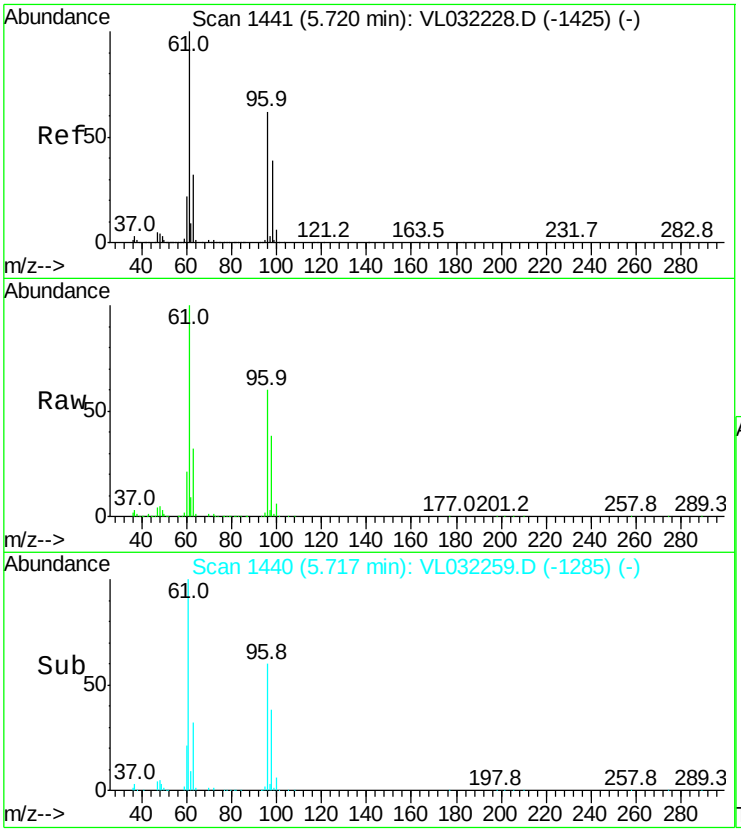


#30
Cyclohexane
Concen: 9.359 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 84 Resp: 1522038

Ion	Ratio	Lower	Upper
84	100		
56	144.5	112.6	168.8
41	85.9	67.0	100.6



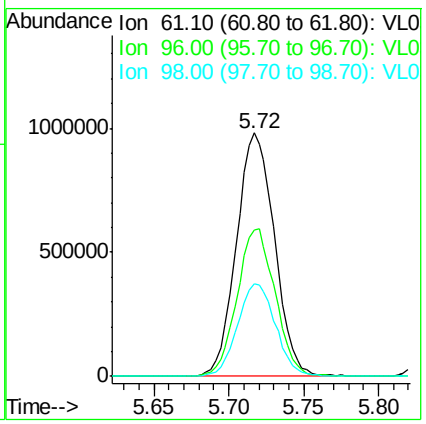


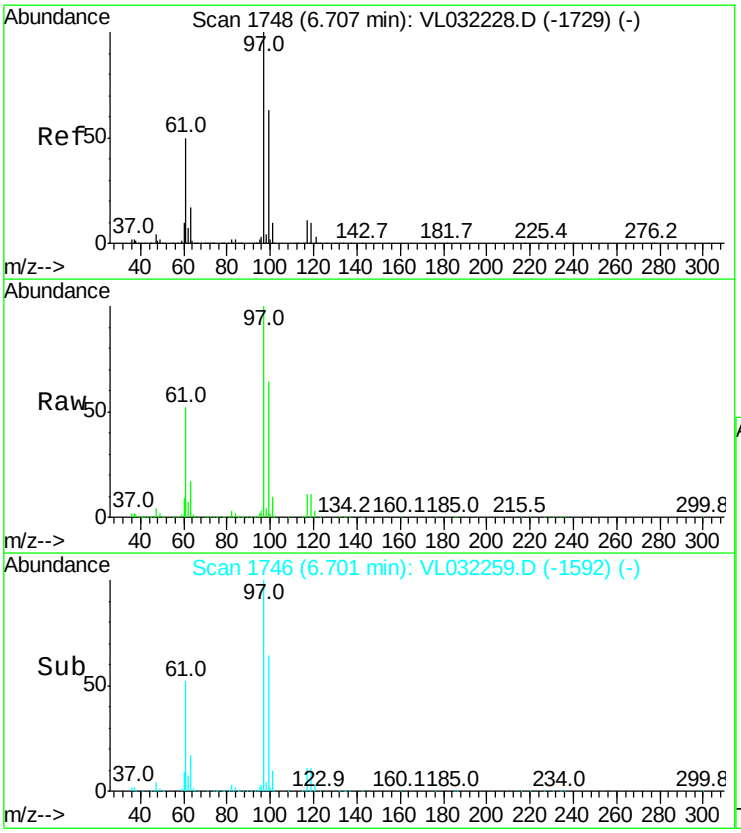
#31
cis-1,2-Dichloroethene
Concen: 9.411 ppbv
RT: 5.72 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1730850

Ion	Ratio	Lower	Upper
61	100		
96	59.9	49.8	74.8
98	38.1	31.4	47.2

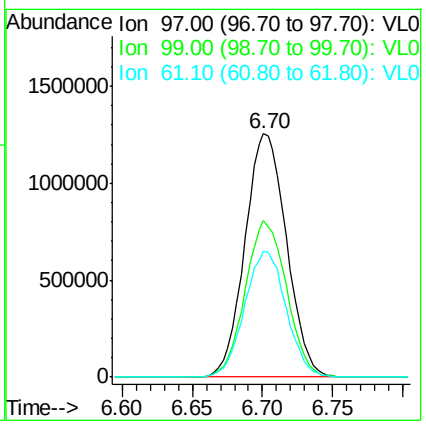


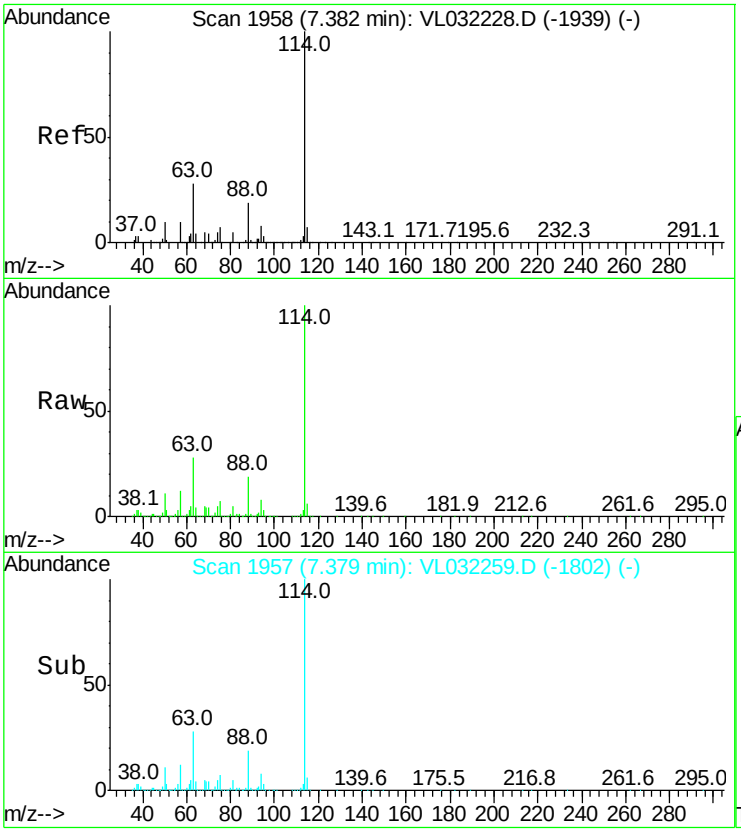


#32
1,1,1-Trichloroethane
Concen: 9.378 ppbv
RT: 6.70 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 97 Resp: 2589157

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.2	76.8
61	51.5	41.3	61.9



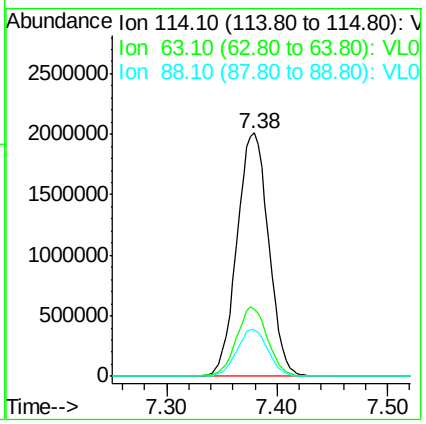


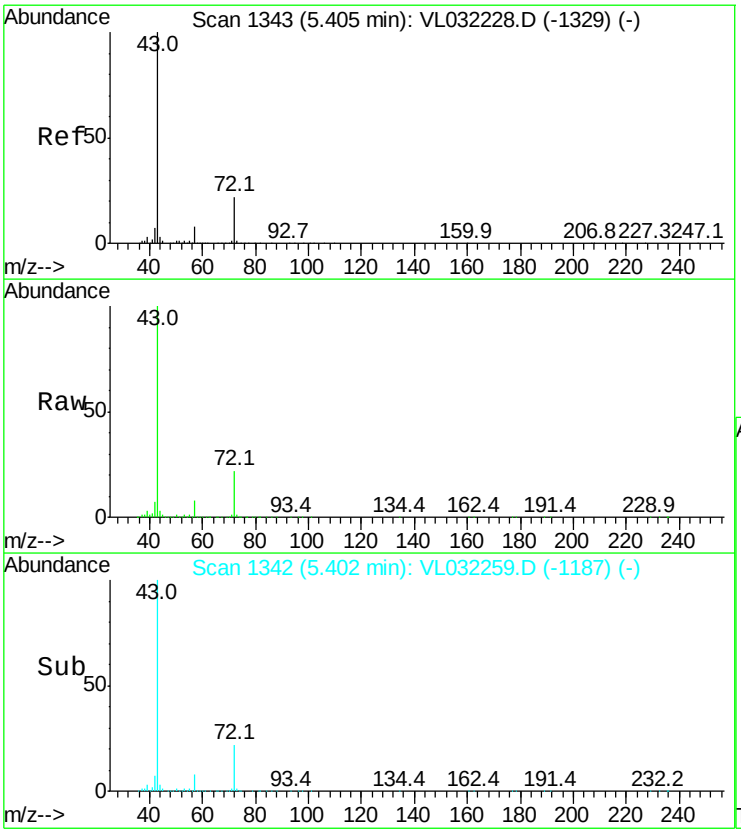
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 3988789

Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.5	33.7
88	19.0	15.4	23.0

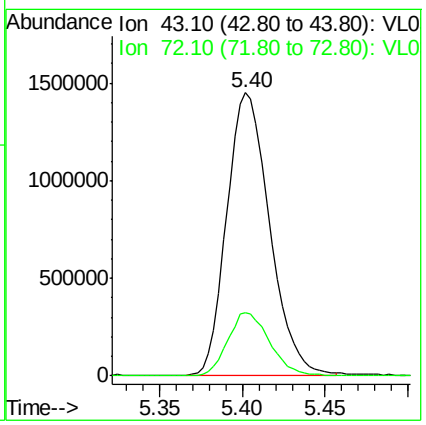


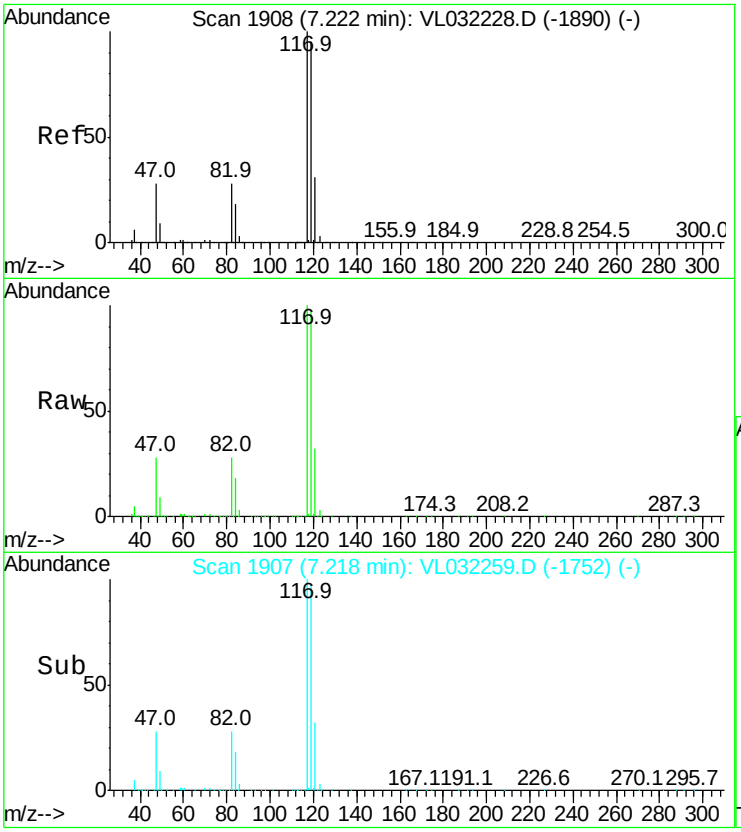


#34
2-Butanone
Concen: 9.570 ppbv
RT: 5.40 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 43 Resp: 2600940

Ion	Ratio	Lower	Upper
43	100		
72	22.1	18.1	27.1



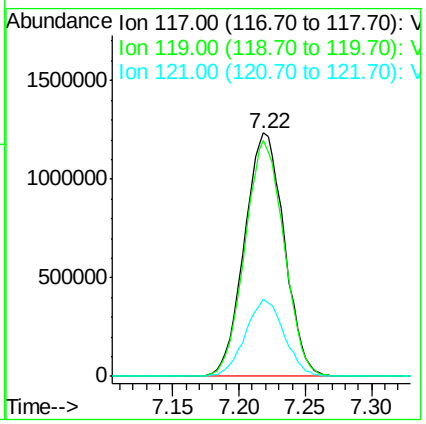


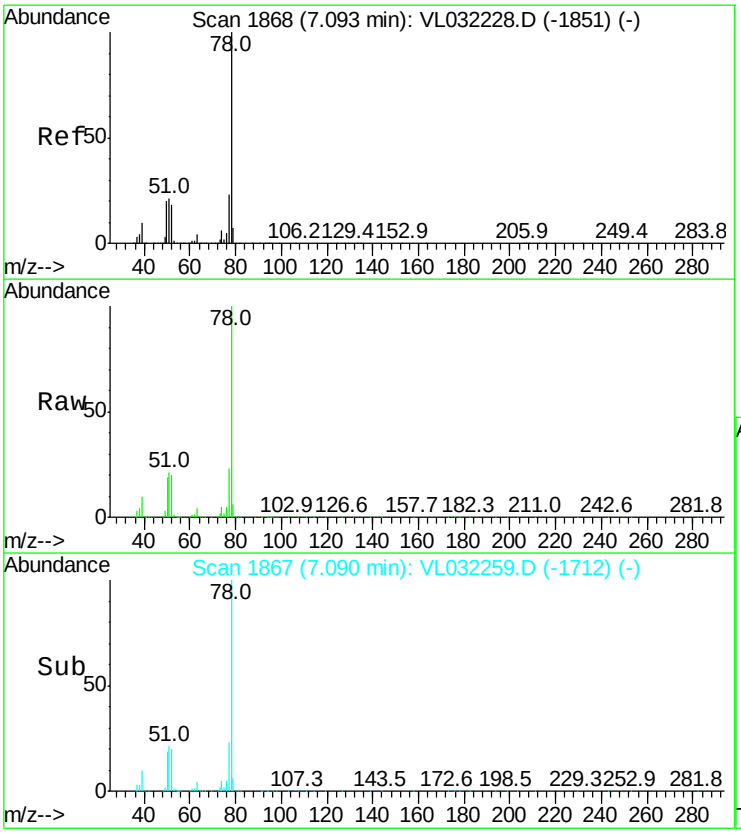
#35
Carbon Tetrachloride
Concen: 9.530 ppbv
RT: 7.22 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 2572586

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.7	113.5
121	31.8	24.6	37.0

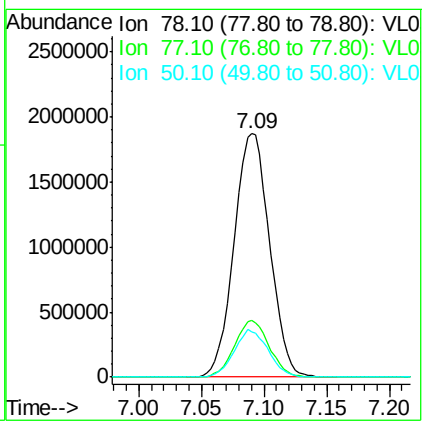


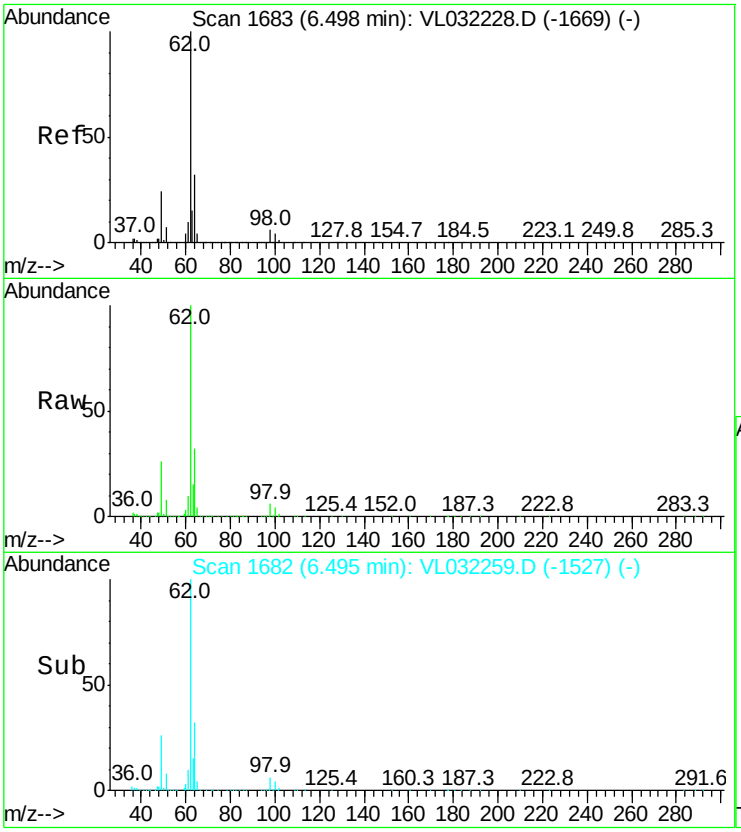


#36
Benzene
Concen: 9.316 ppbv
RT: 7.09 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 78 Resp: 3693090

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.0	27.0
50	18.8	15.8	23.8



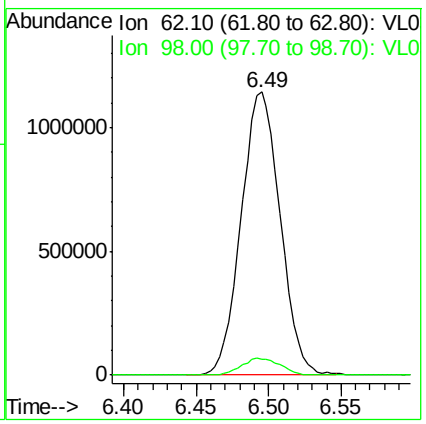


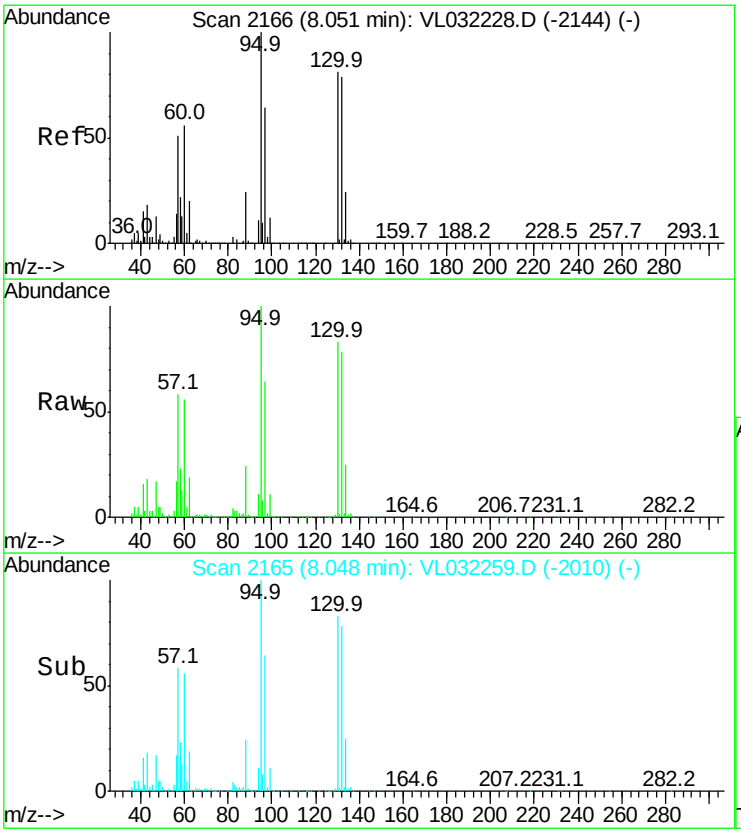
#37
1,2-Dichloroethane
Concen: 9.883 ppbv
RT: 6.49 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 2144911

Ion	Ratio	Lower	Upper
62	100		
98	6.1	4.6	7.0

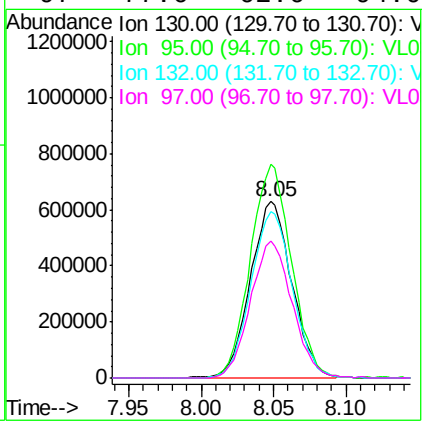


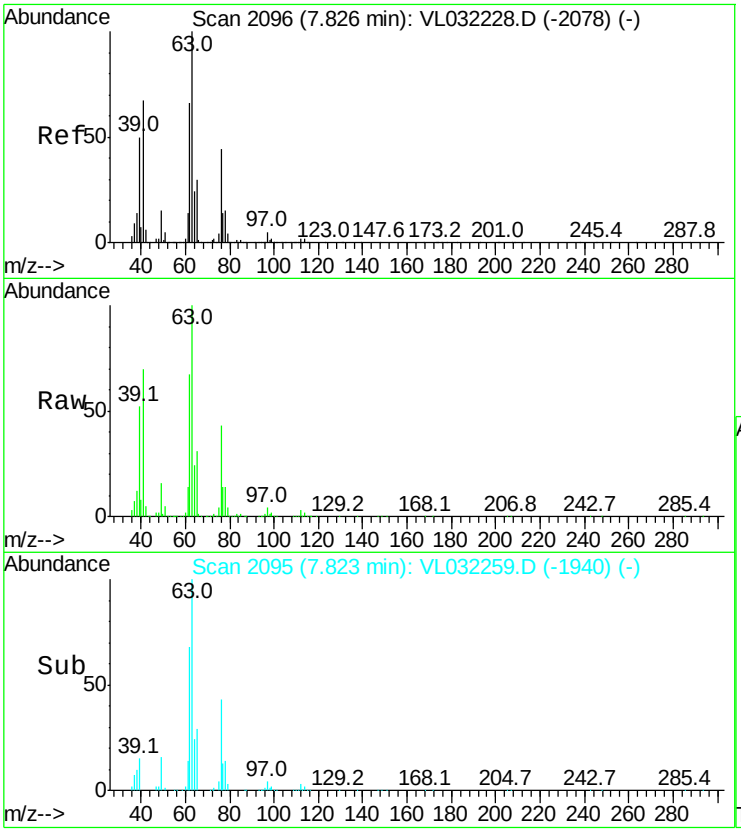


#38
Trichloroethene
Concen: 9.120 ppbv
RT: 8.05 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:130 Resp: 1240117

Ion	Ratio	Lower	Upper
130	100		
95	121.4	98.3	147.5
132	94.5	78.1	117.1
97	77.6	62.6	94.0



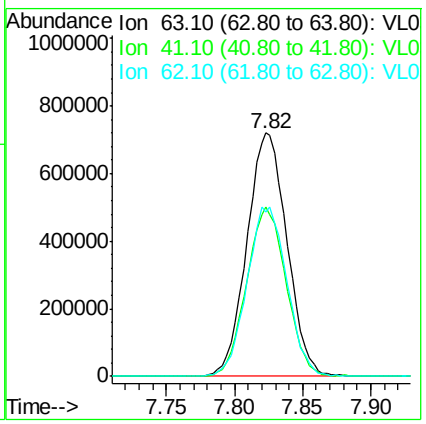


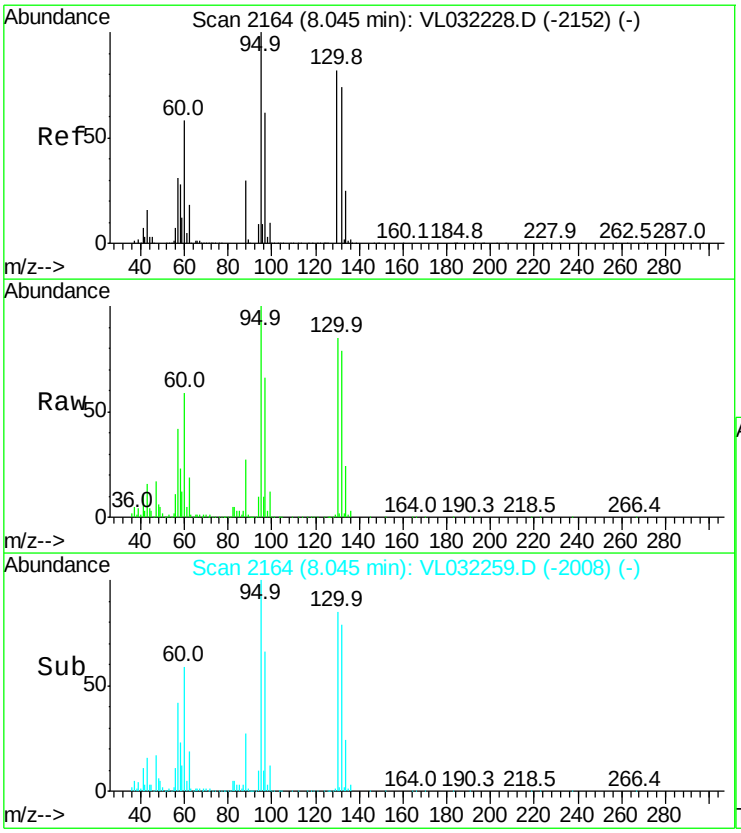
#39
1,2-Dichloropropane
Concen: 9.313 ppbv
RT: 7.82 min Scan# 2095
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 63 Resp: 1467211

Ion	Ratio	Lower	Upper
63	100		
41	69.7	53.8	80.6
62	67.3	53.1	79.7

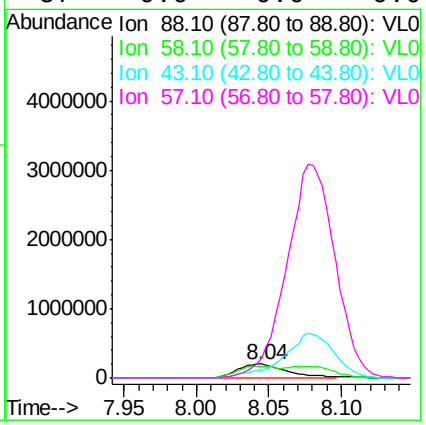


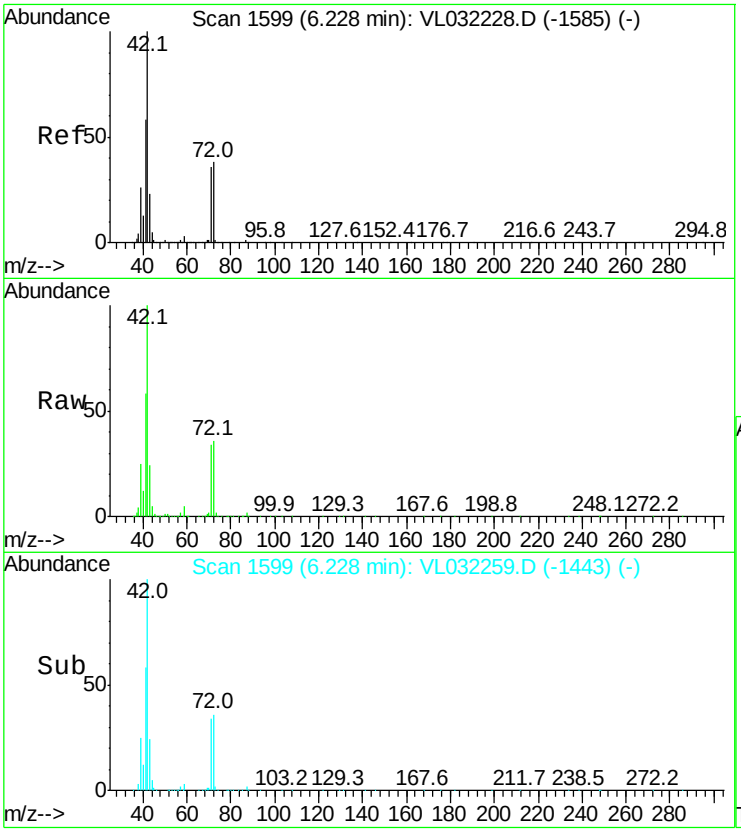


#40
1,4-Dioxane
Concen: 8.827 ppbv
RT: 8.04 min Scan# 2164
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 88 Resp: 476835

Ion	Ratio	Lower	Upper
88	100		
58	76.1	117.4	176.2#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



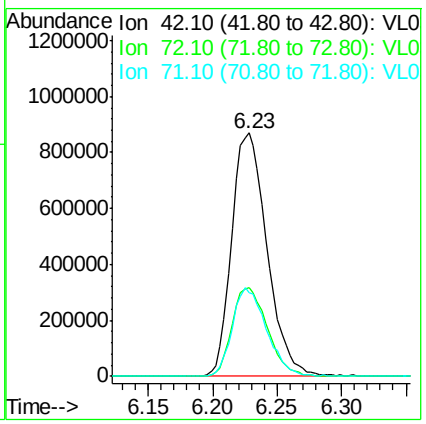


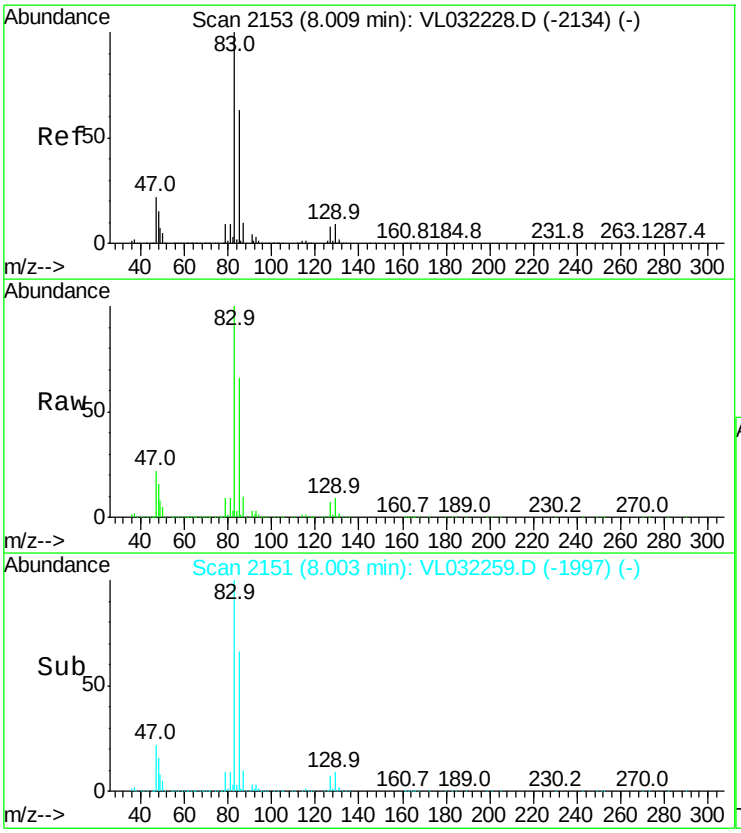
#41
Tetrahydrofuran
Concen: 10.890 ppbv
RT: 6.23 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 1656297

Ion	Ratio	Lower	Upper
42	100		
72	36.7	30.6	45.8
71	35.3	29.7	44.5

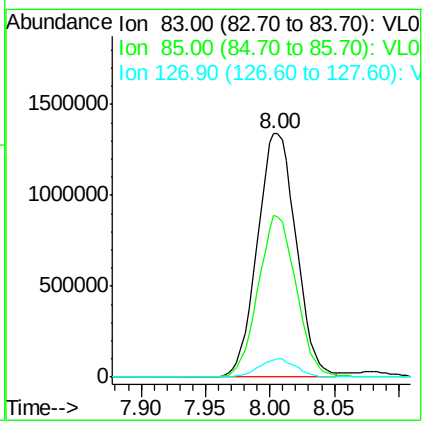


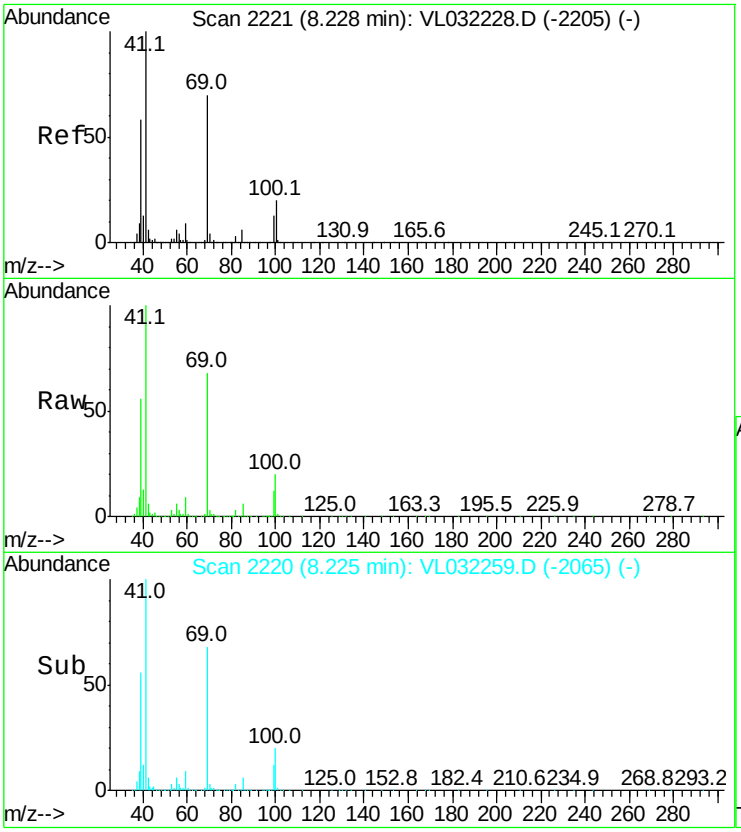


#42
Bromodichloromethane
Concen: 9.084 ppbv
RT: 8.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 83 Resp: 2807189

Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.6	76.0
127	7.1	6.1	9.1



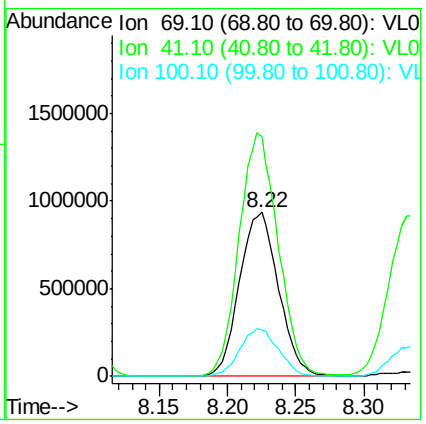


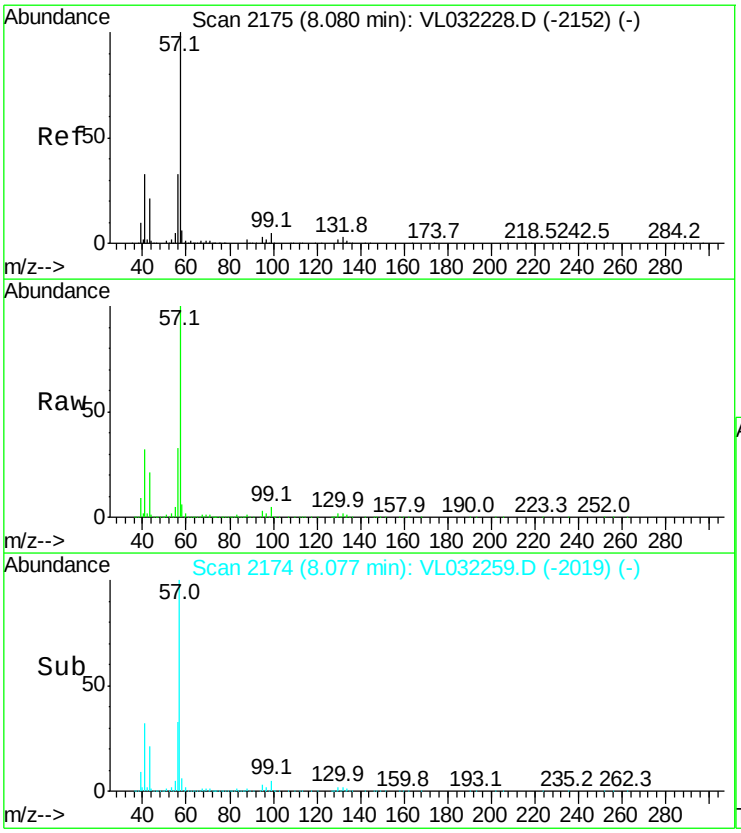
#43
Methyl Methacrylate
Concen: 12.150 ppbv
RT: 8.22 min Scan# 2220
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 1861188

Ion	Ratio	Lower	Upper
69	100		
41	148.2	116.3	174.5
100	29.1	23.8	35.8

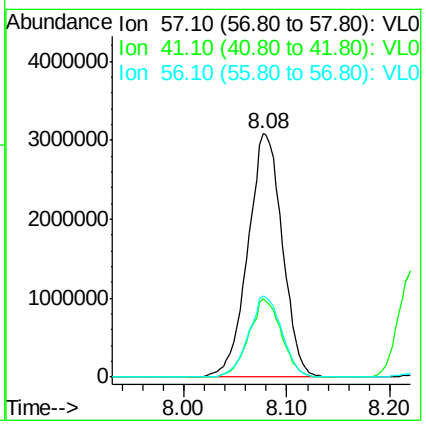


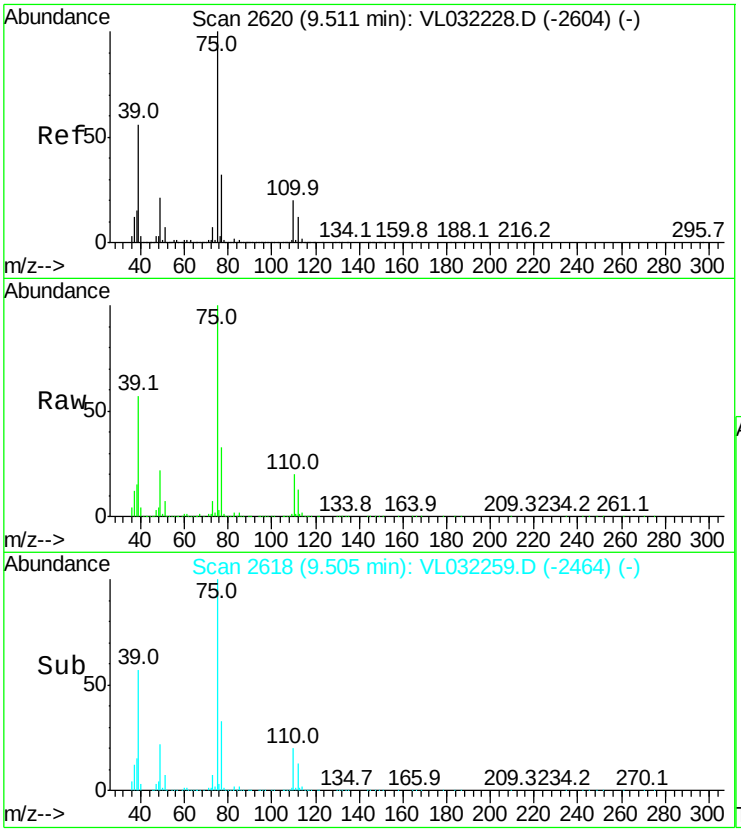


#44
2,2,4-Trimethylpentane
Concen: 10.454 ppbv
RT: 8.08 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 57 Resp: 7127183

Ion	Ratio	Lower	Upper
57	100		
41	30.5	24.7	37.1
56	32.1	25.4	38.0



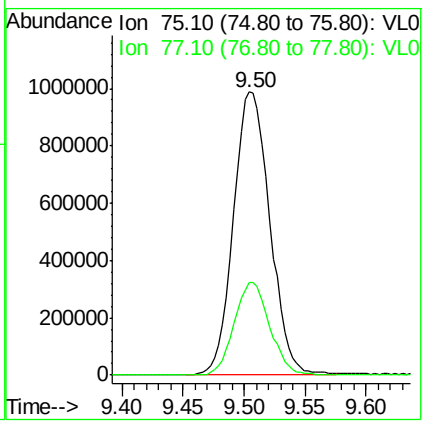


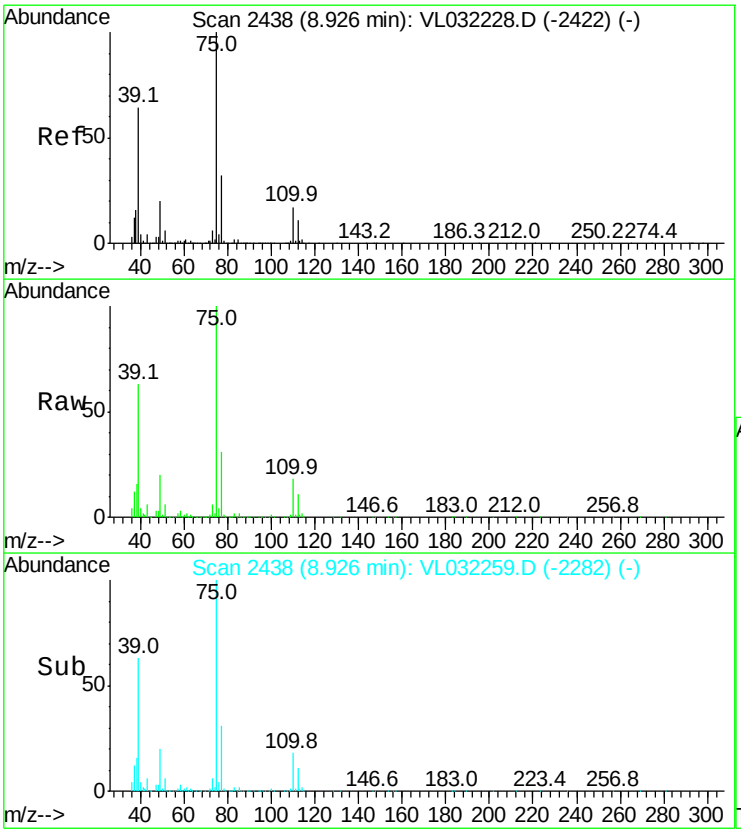
#45
t-1,3-Dichloropropene
Concen: 11.182 ppbv
RT: 9.50 min Scan# 2618
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 2040116

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3

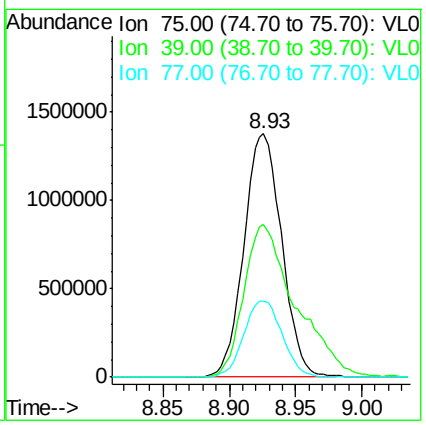


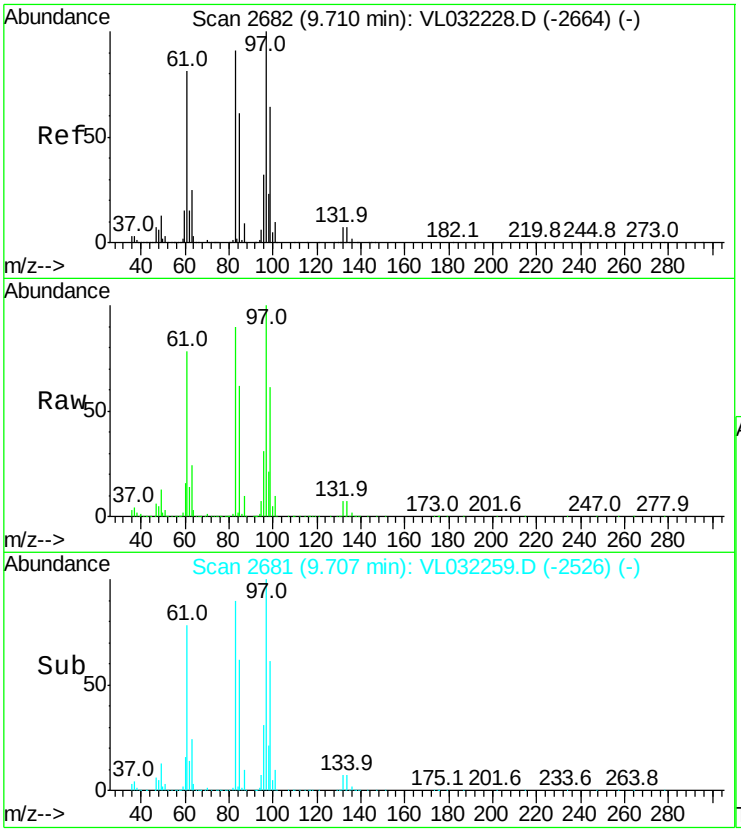


#46
cis-1,3-Dichloropropene
Concen: 10.949 ppbv
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 75 Resp: 2724718

Ion	Ratio	Lower	Upper
75	100		
39	62.4	50.9	76.3
77	31.2	25.3	37.9



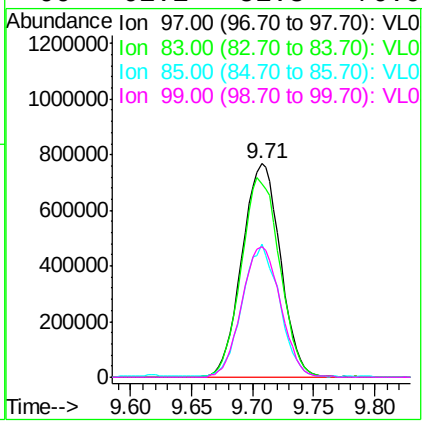


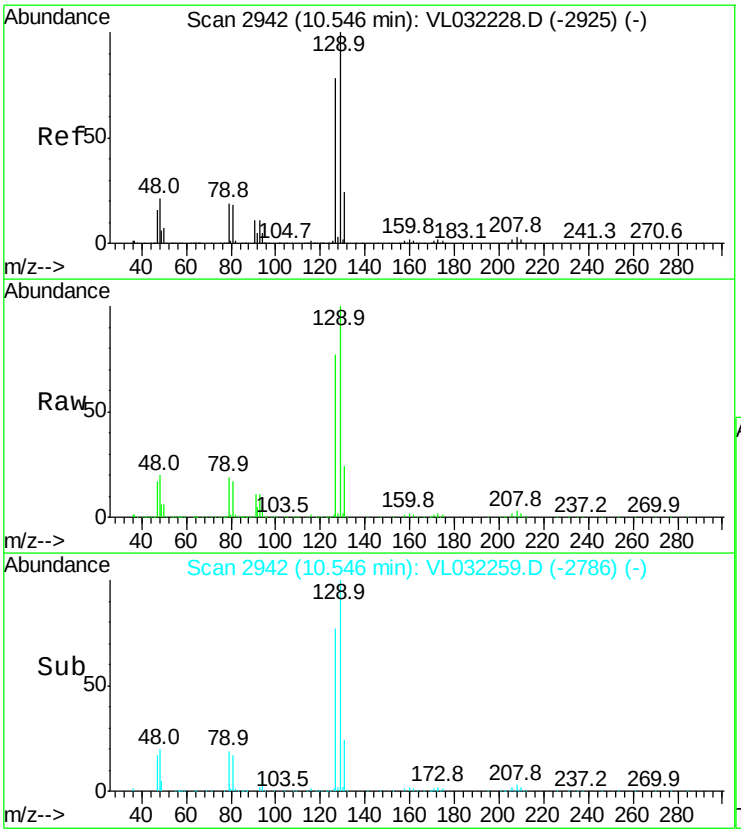
#47
1,1,2-Trichloroethane
Concen: 9.488 ppbv
RT: 9.71 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1669541

Ion	Ratio	Lower	Upper
97	100		
83	90.4	72.9	109.3
85	61.9	49.3	73.9
99	61.1	51.3	76.9

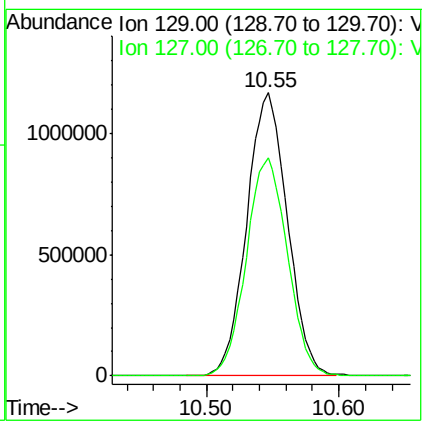


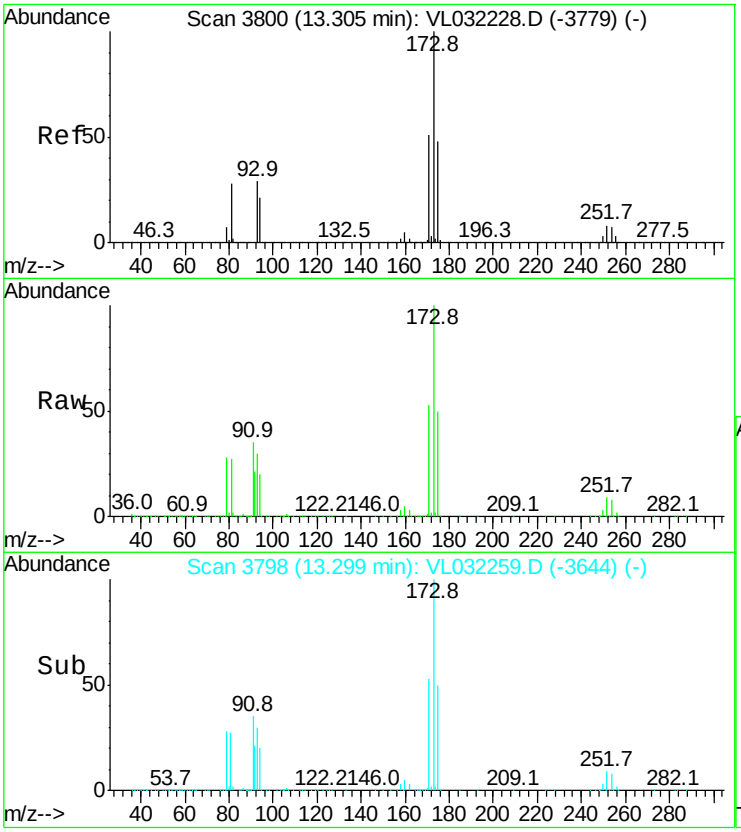


#48
Dibromochloromethane
Concen: 9.500 ppbv
RT: 10.55 min Scan# 2942
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:129 Resp: 2486817

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.3	117.9



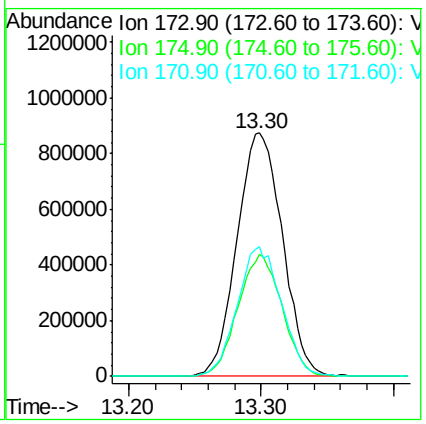


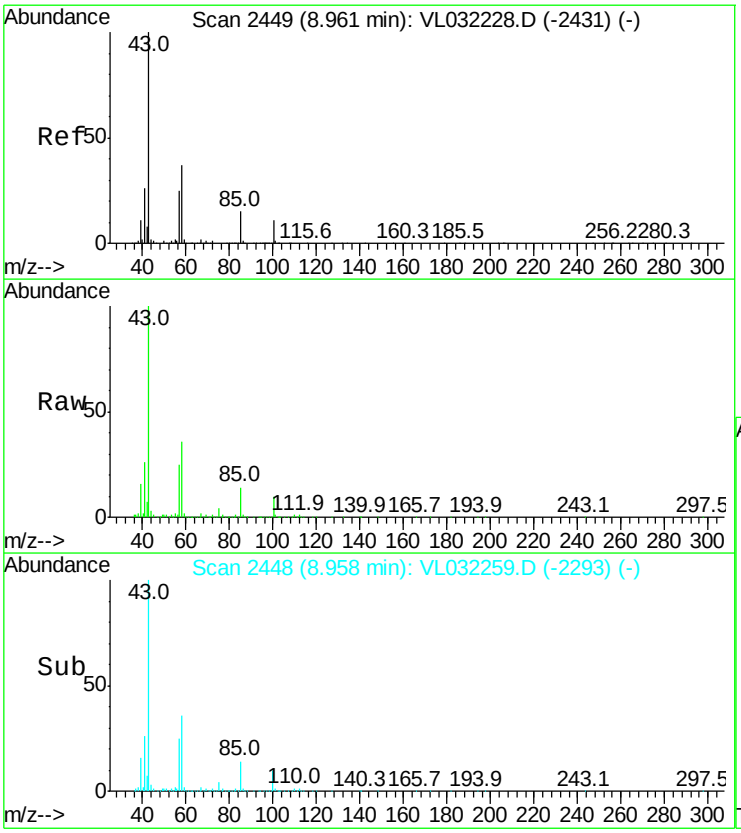
#49
Bromoform
Concen: 9.913 ppbv
RT: 13.30 min Scan# 3798
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 2080241

Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.4	59.2
171	52.0	41.8	62.6

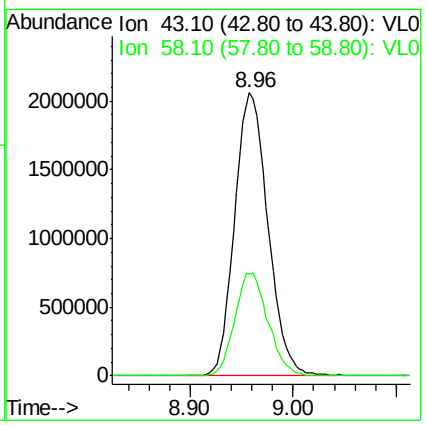


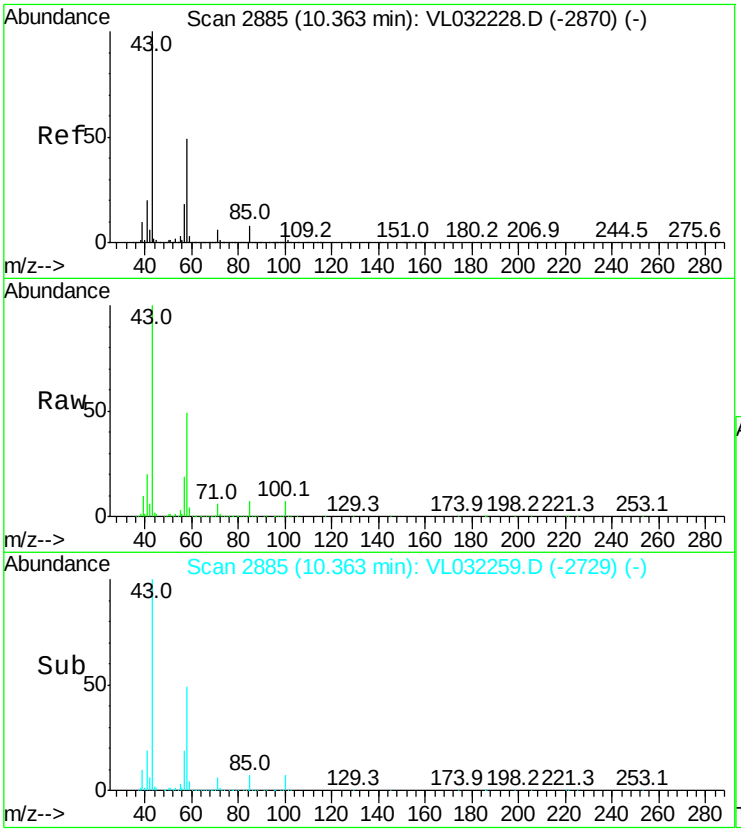


#50
4-Methyl-2-Pentanone
Concen: 9.834 ppbv
RT: 8.96 min Scan# 2448
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 43 Resp: 4623638

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.5	44.3



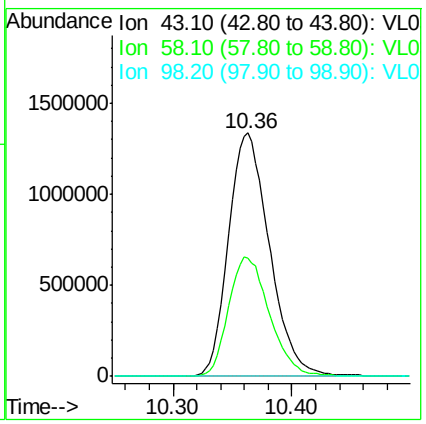


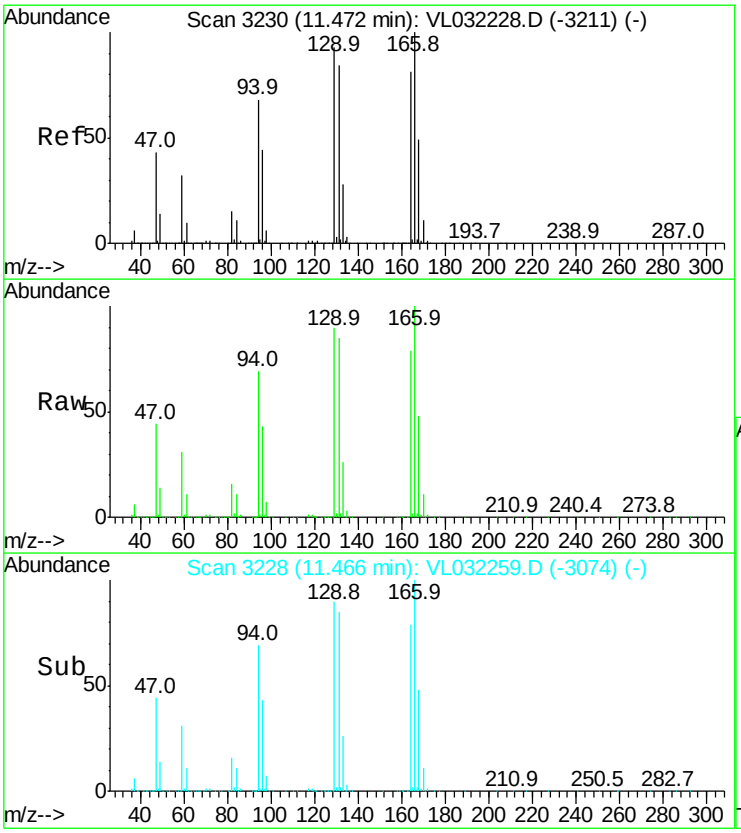
#51
2-Hexanone
Concen: 8.097 ppbv
RT: 10.36 min Scan# 2885
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 3179539

Ion	Ratio	Lower	Upper
43	100		
58	49.3	39.9	59.9
98	0.2	0.2	0.4#

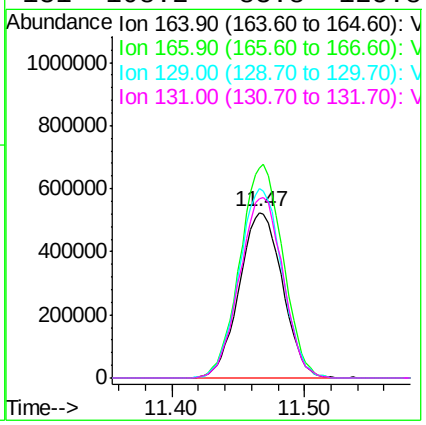


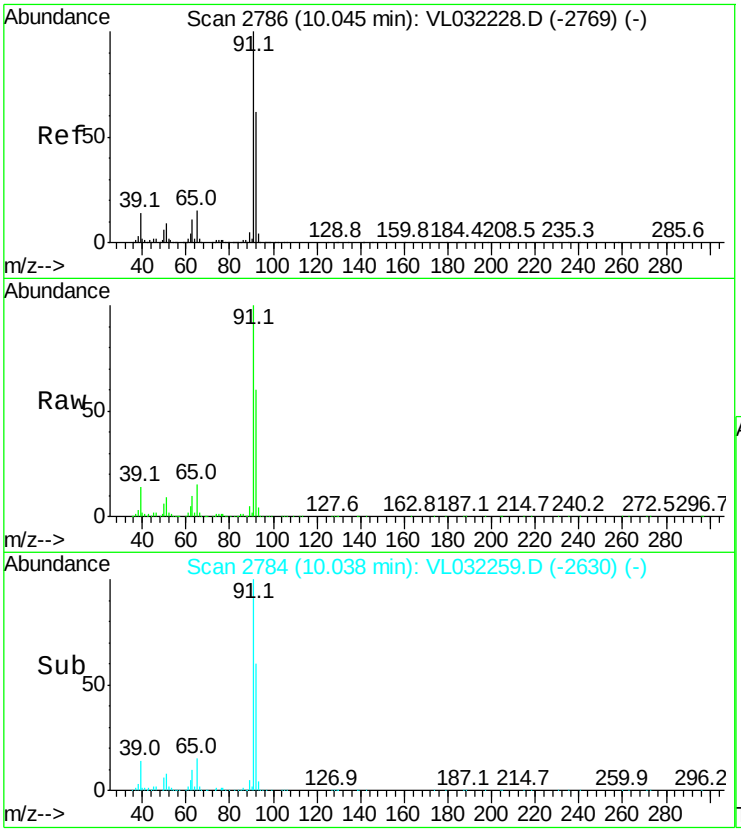


#52
Tetrachloroethene
Concen: 8.104 ppbv
RT: 11.47 min Scan# 3228
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:164 Resp: 1187001

Ion	Ratio	Lower	Upper
164	100		
166	127.1	99.3	148.9
129	114.4	92.0	138.0
131	108.2	83.8	125.8



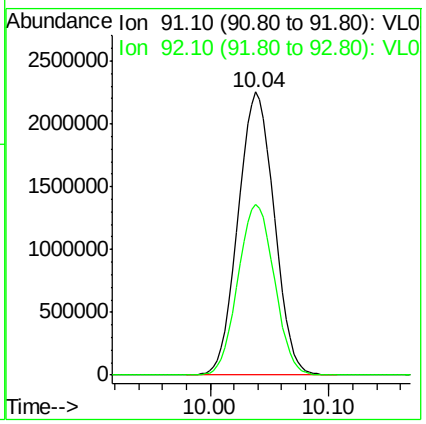


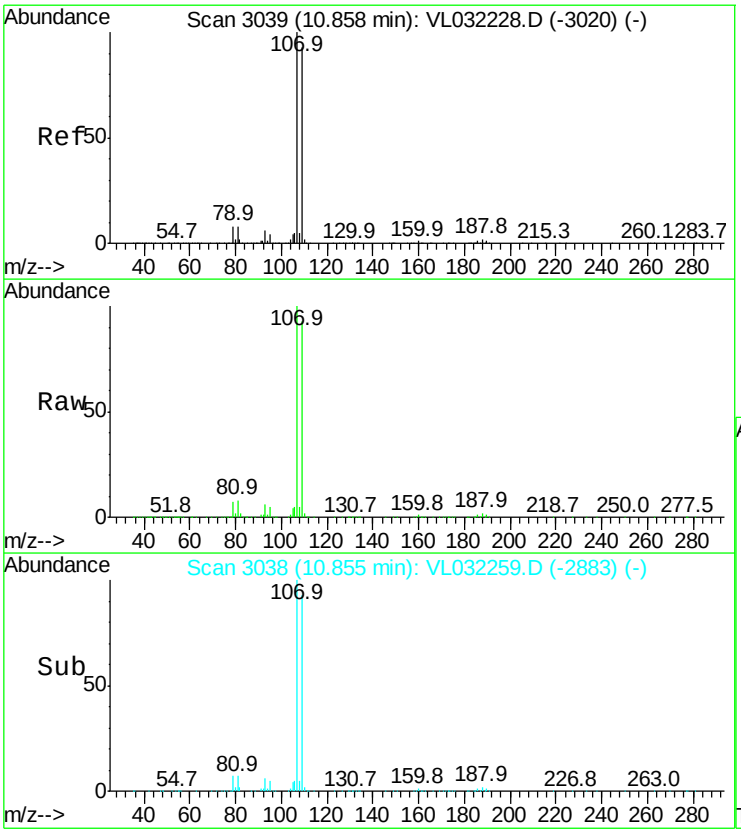
#53
Toluene
Concen: 10.118 ppbv
RT: 10.04 min Scan# 2784
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 4742004

Ion	Ratio	Lower	Upper
91	100		
92	60.7	49.0	73.4

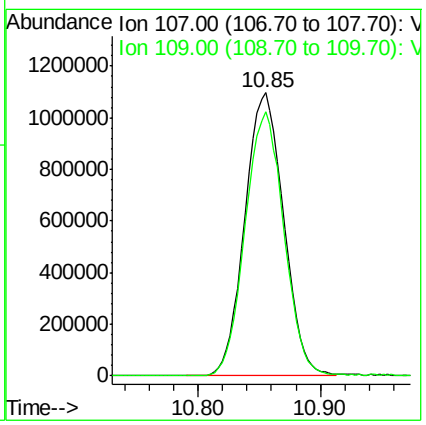


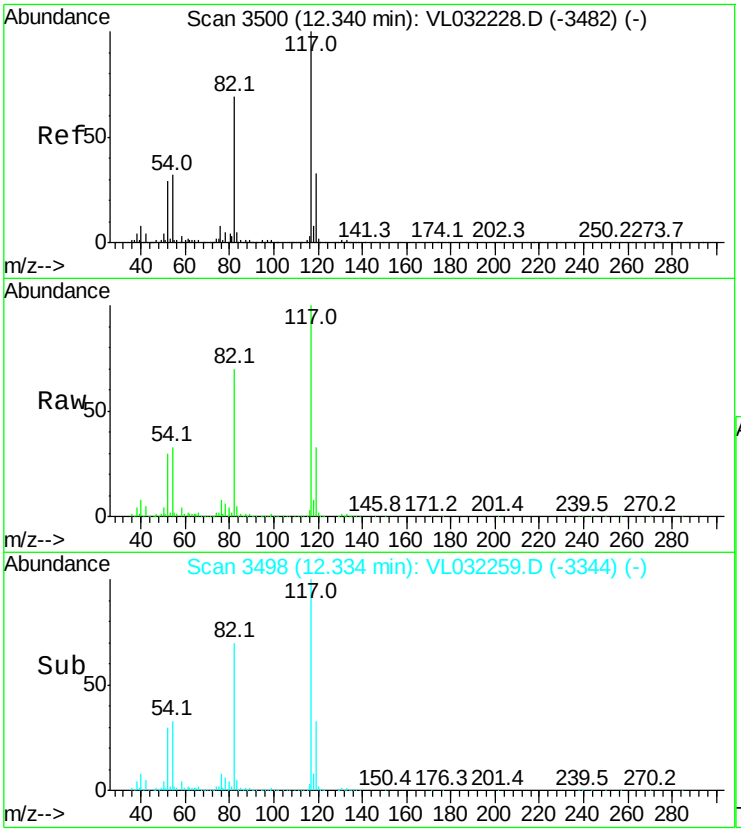


#54
1,2-Dibromoethane
Concen: 9.283 ppbv
RT: 10.85 min Scan# 3038
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:107 Resp: 2411502

Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.3	111.5



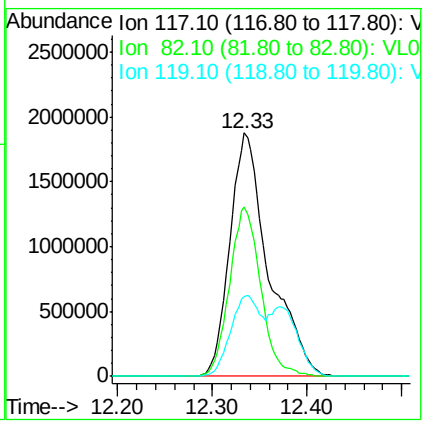


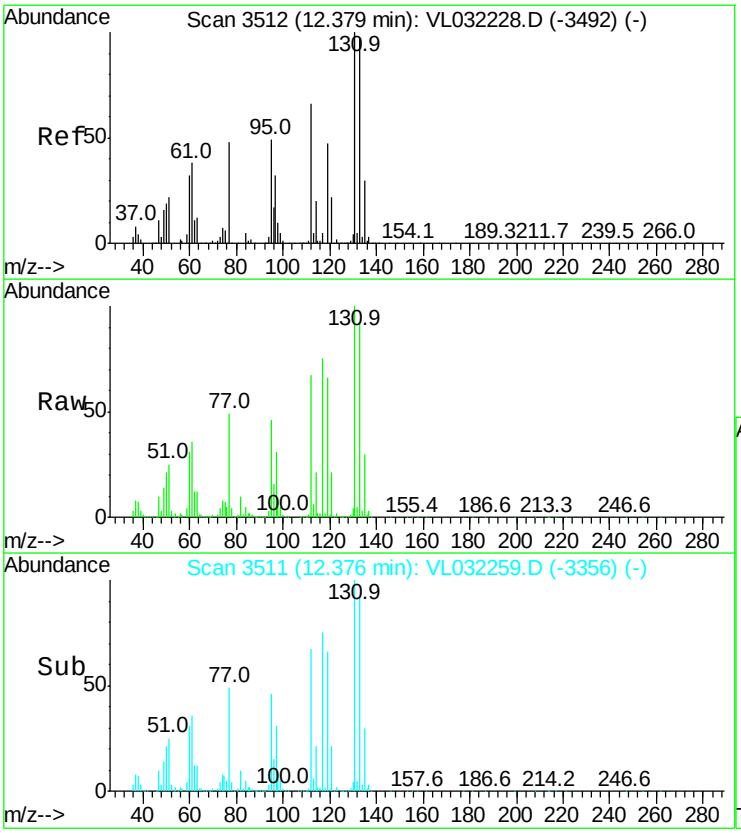
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3498
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 5368007

Ion	Ratio	Lower	Upper
117	100		
82	56.0	53.2	79.8
119	26.5	43.9	65.9#

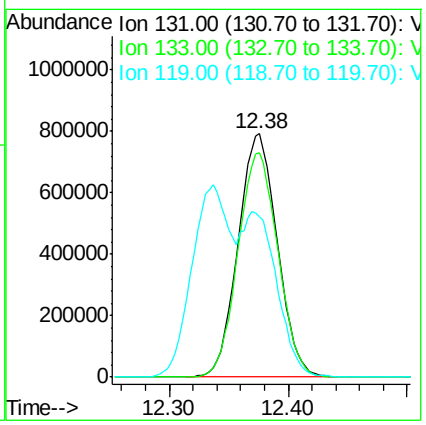


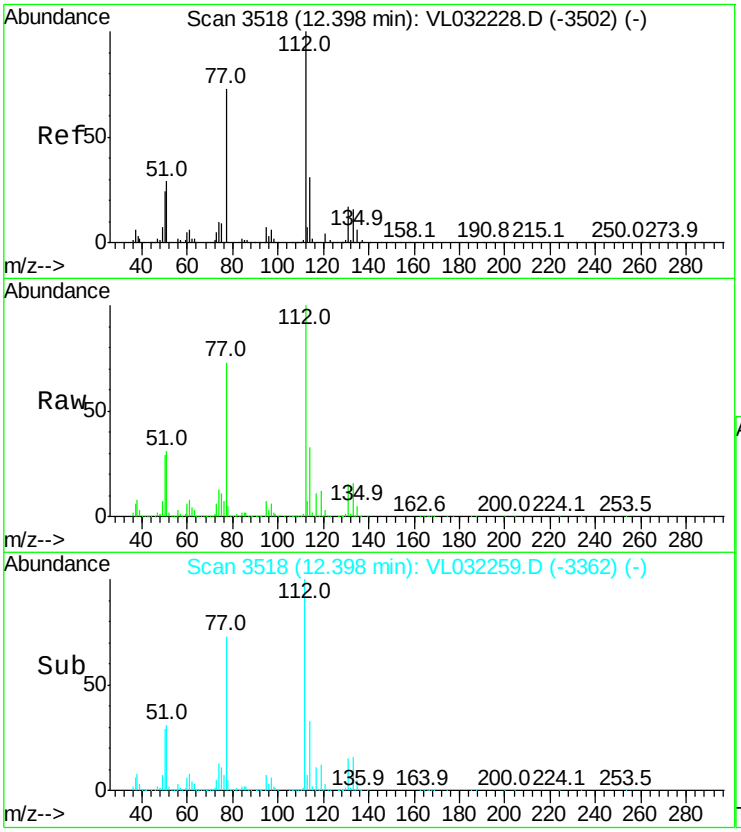


#56
1,1,1,2-Tetrachloroethane
Concen: 7.730 ppbv
RT: 12.38 min Scan# 3511
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:131 Resp: 1802476

Ion	Ratio	Lower	Upper
131	100		
133	94.2	75.2	112.8
119	61.8	113.9	170.9#



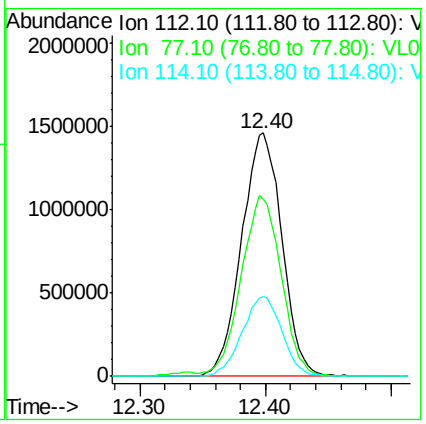


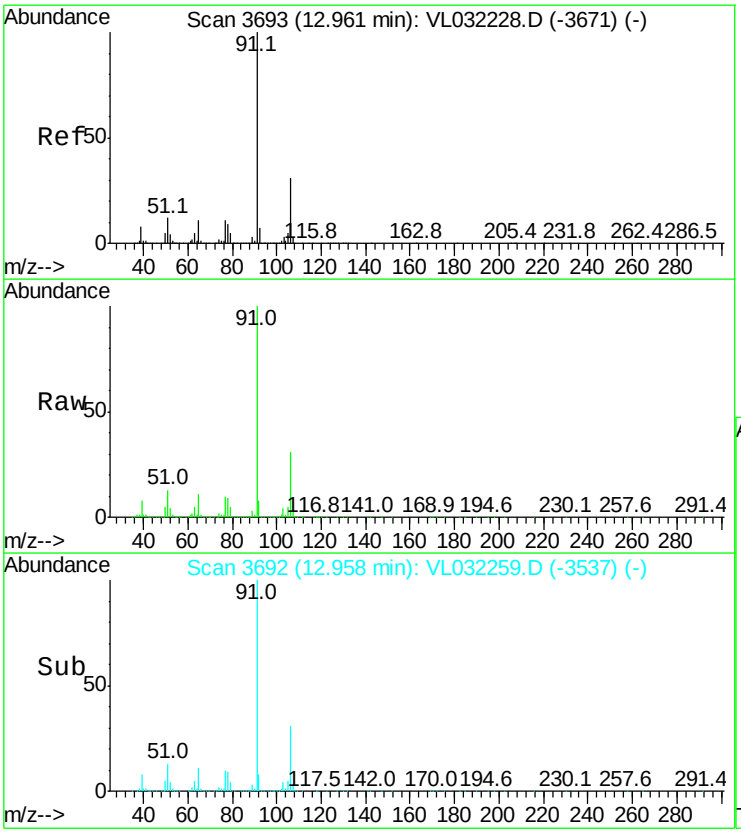
#57
Chlorobenzene
Concen: 7.169 ppbv
RT: 12.40 min Scan# 3518
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 3252662

Ion	Ratio	Lower	Upper
112	100		
77	72.8	58.8	88.2
114	32.8	27.9	34.1

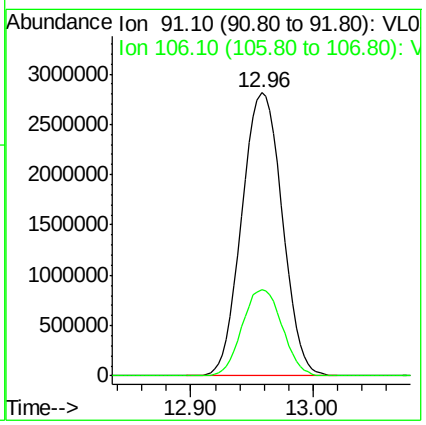


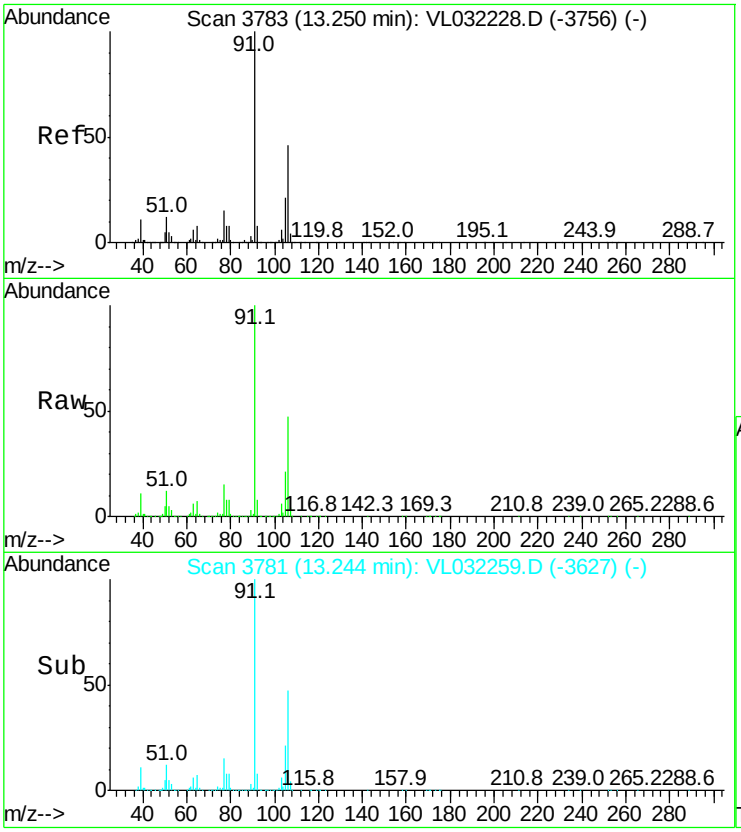


#58
Ethyl Benzene
Concen: 8.254 ppbv
RT: 12.96 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 91 Resp: 6451927

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.5	36.7



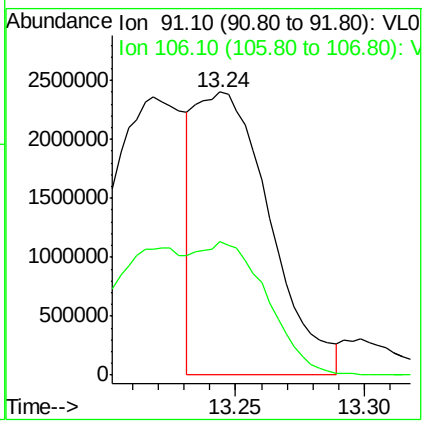


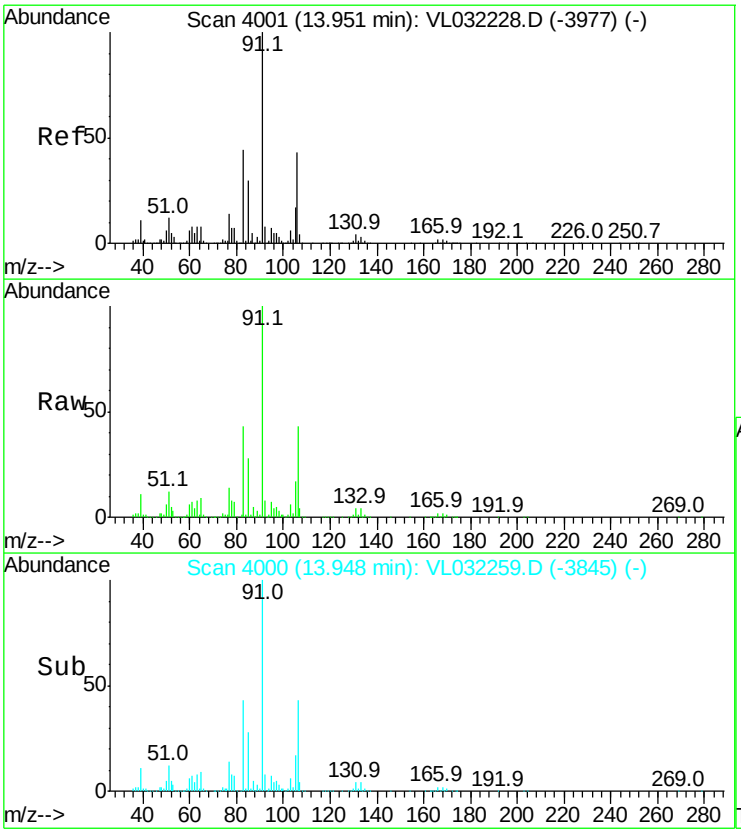
#59
m/p-Xylene
Concen: 7.495 ppbv
RT: 13.24 min Scan# 3781
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 4820410

Ion	Ratio	Lower	Upper
91	100		
106	92.2	36.4	54.6#

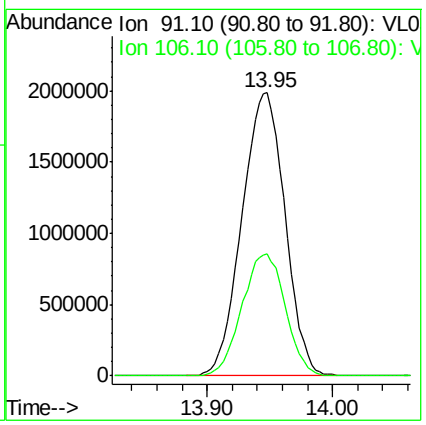


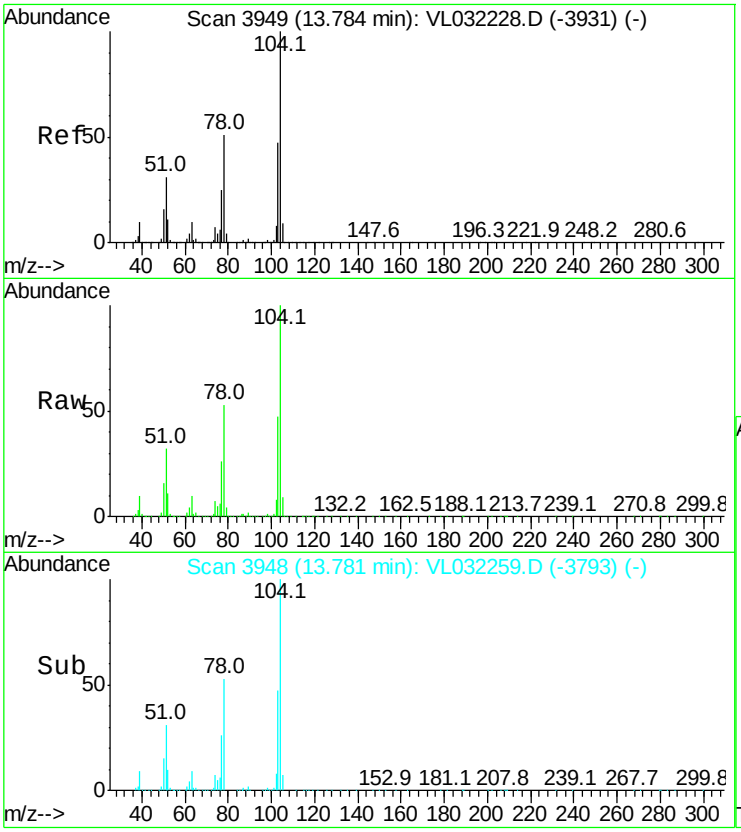


#60
o-Xylene
Concen: 7.465 ppbv
RT: 13.95 min Scan# 4000
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 91 Resp: 4737771

Ion	Ratio	Lower	Upper
91	100		
106	43.4	21.9	65.5



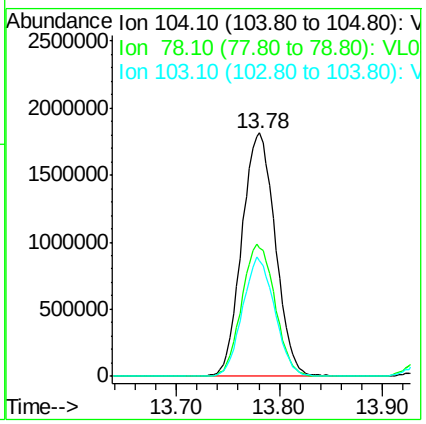


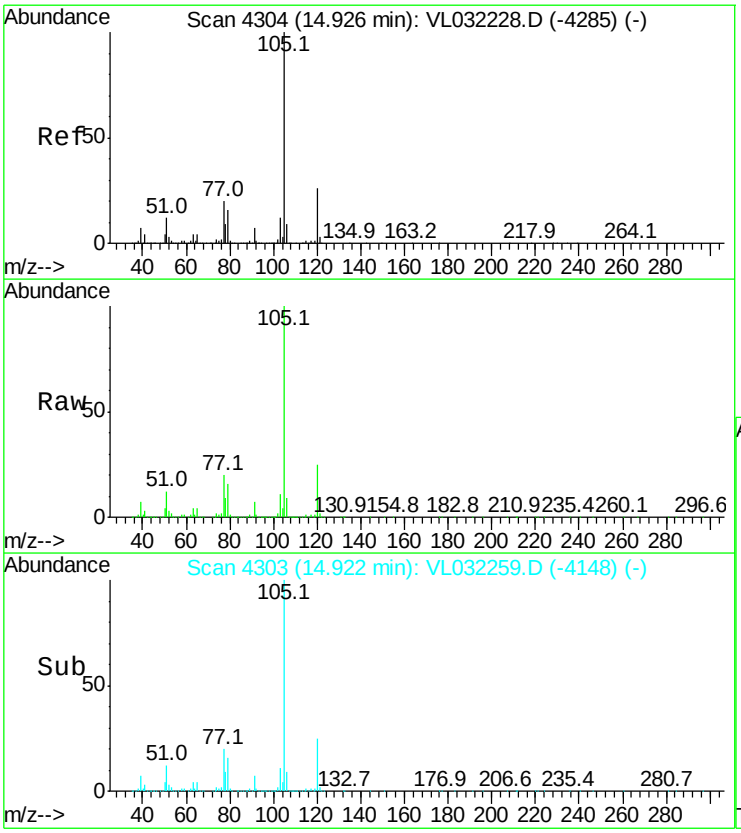
#61
Styrene
Concen: 8.591 ppbv
RT: 13.78 min Scan# 3948
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 4085255

Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.4	65.0
103	47.2	38.0	57.0

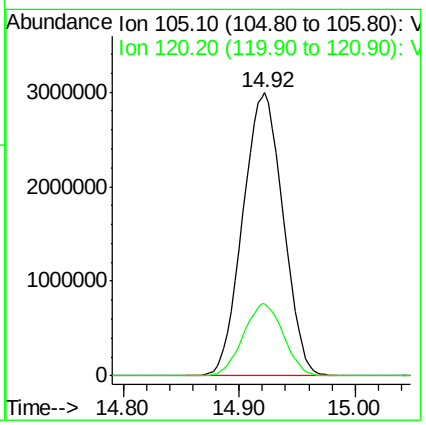


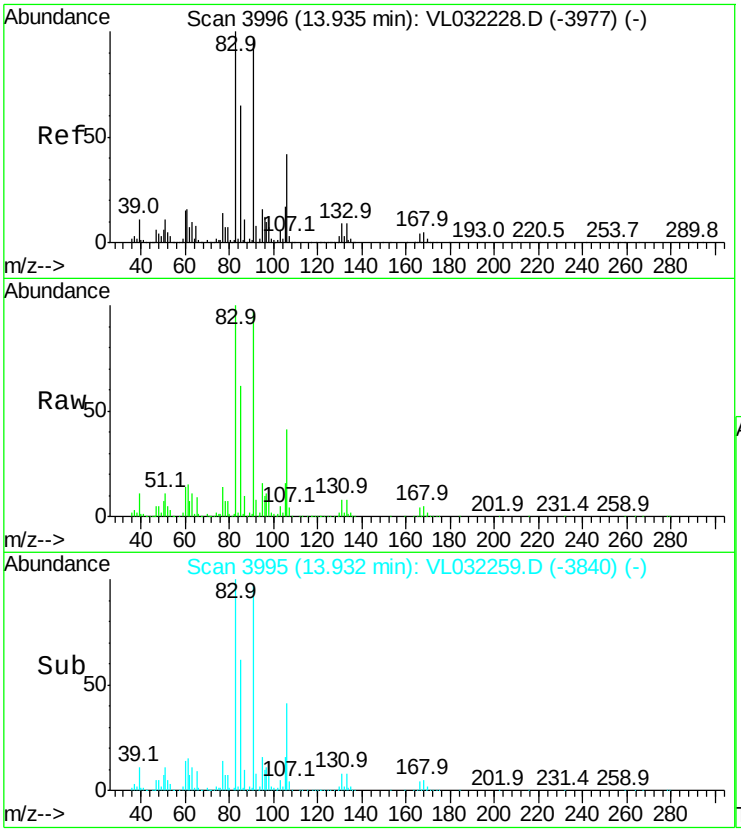


#62
Isopropylbenzene
Concen: 8.129 ppbv
RT: 14.92 min Scan# 4303
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:105 Resp: 7233245

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.2	30.2



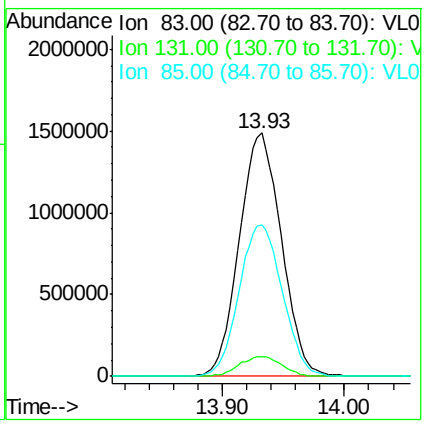


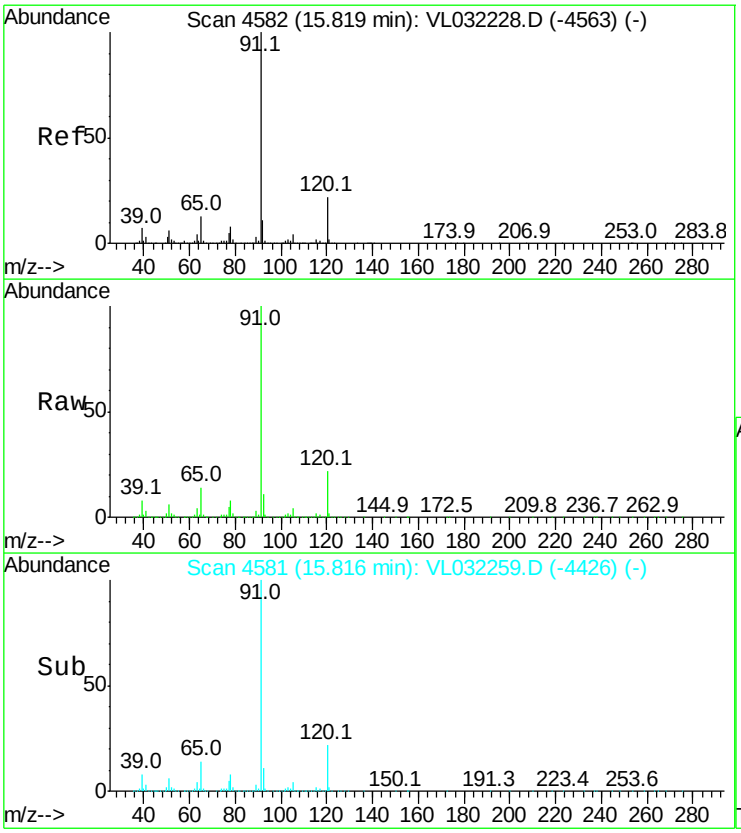
#63
1,1,2,2-Tetrachloroethane
Concen: 6.874 ppbv
RT: 13.93 min Scan# 3995
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 3548697

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.3	12.8
85	64.4	32.5	97.5

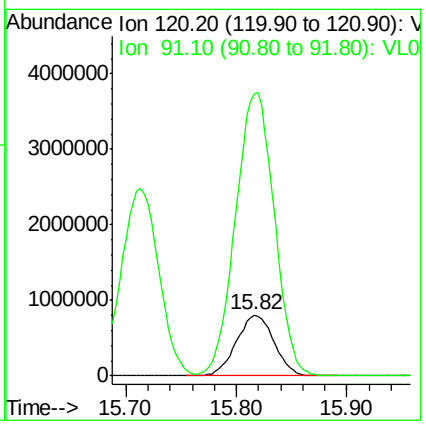


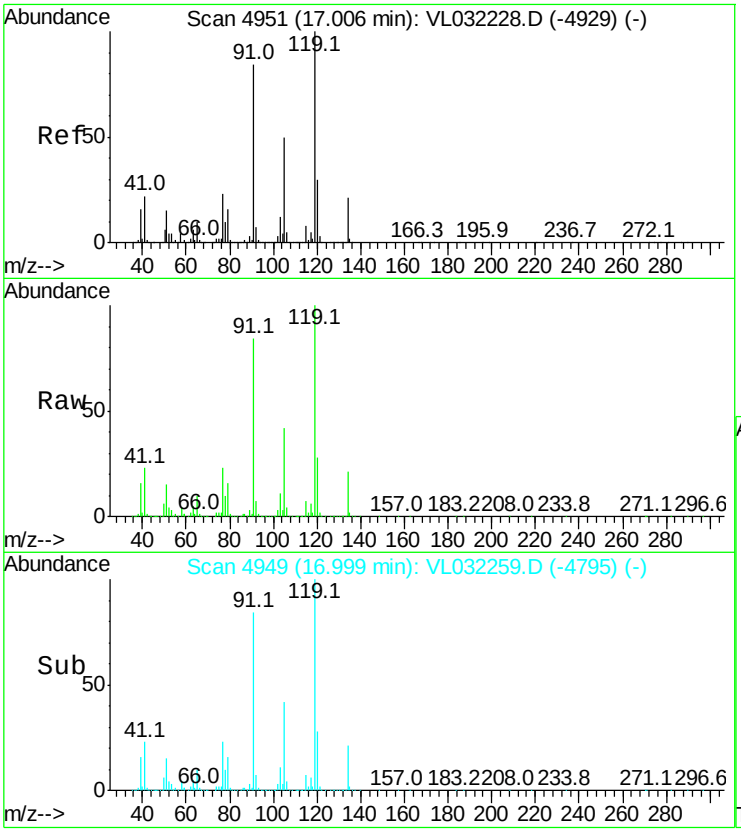


#64
n-propylbenzene
Concen: 8.449 ppbv
RT: 15.82 min Scan# 4581
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:120 Resp: 1903344

Ion	Ratio	Lower	Upper
120	100		
91	480.5	385.0	577.4



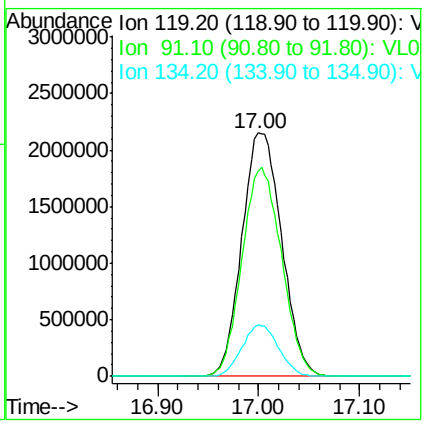


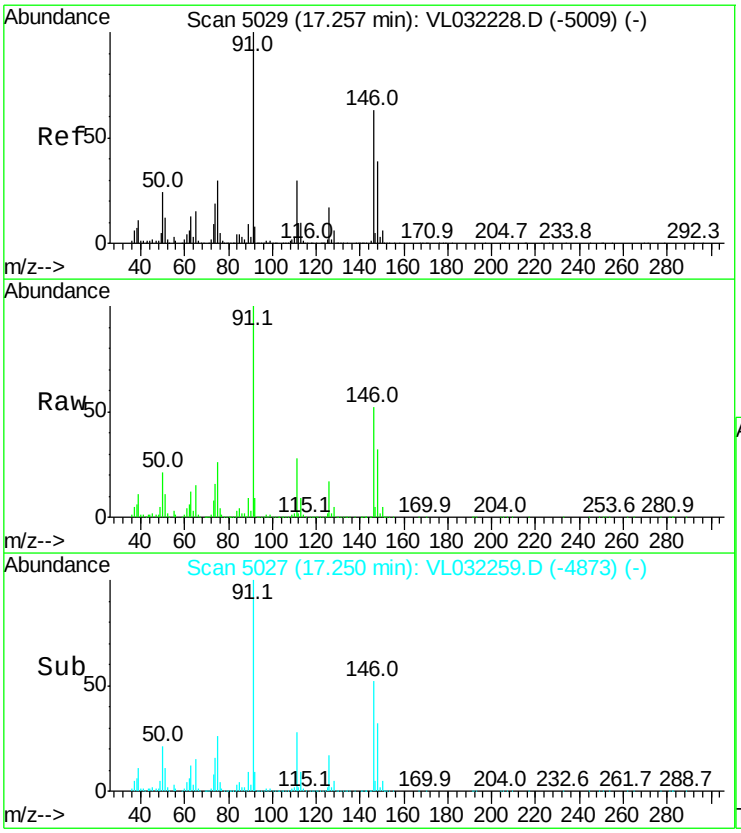
#65
tert-Butylbenzene
Concen: 7.905 ppbv
RT: 17.00 min Scan# 4949
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 5892591

Ion	Ratio	Lower	Upper
119	100		
91	85.3	68.6	102.8
134	19.5	15.4	23.2

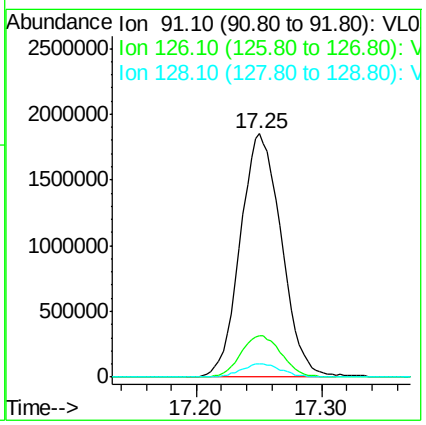


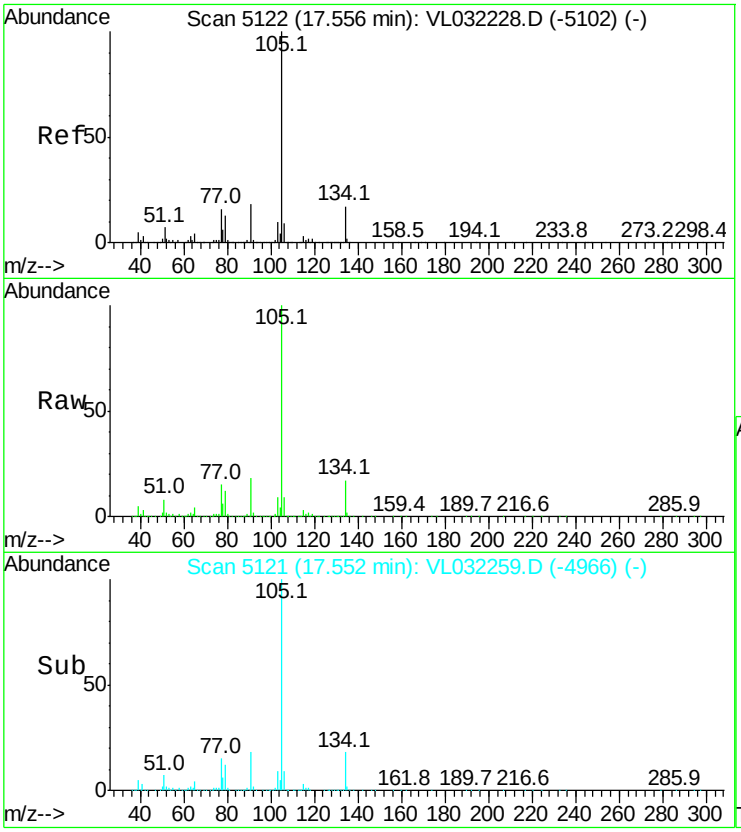


#66
Benzyl Chloride
Concen: 11.173 ppbv
RT: 17.25 min Scan# 5027
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 91 Resp: 4215003

Ion	Ratio	Lower	Upper
91	100		
126	16.8	13.4	20.0
128	5.4	4.5	6.7



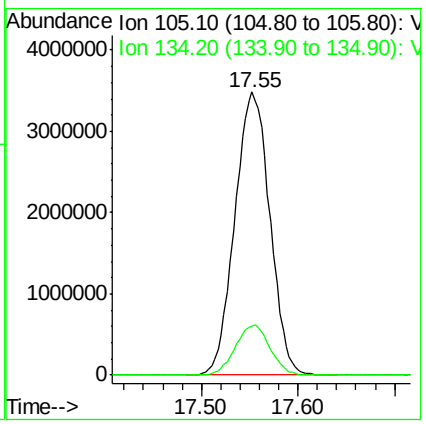


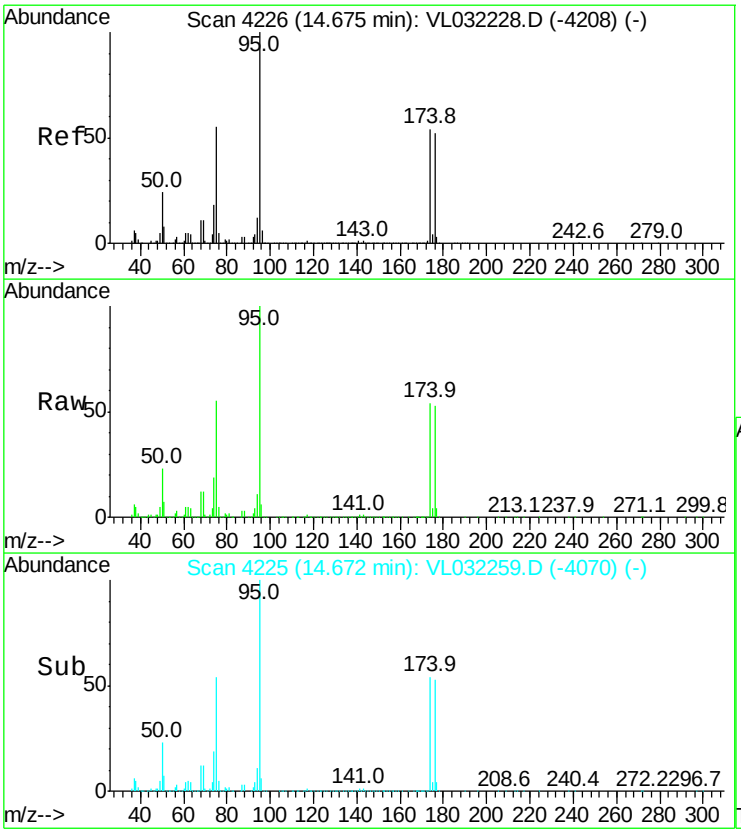
#67
sec-Butylbenzene
Concen: 8.035 ppbv
RT: 17.55 min Scan# 5121
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 8751563

Ion	Ratio	Lower	Upper
105	100		
134	17.5	14.2	21.2

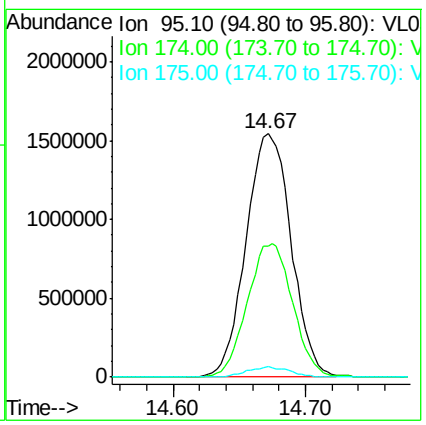


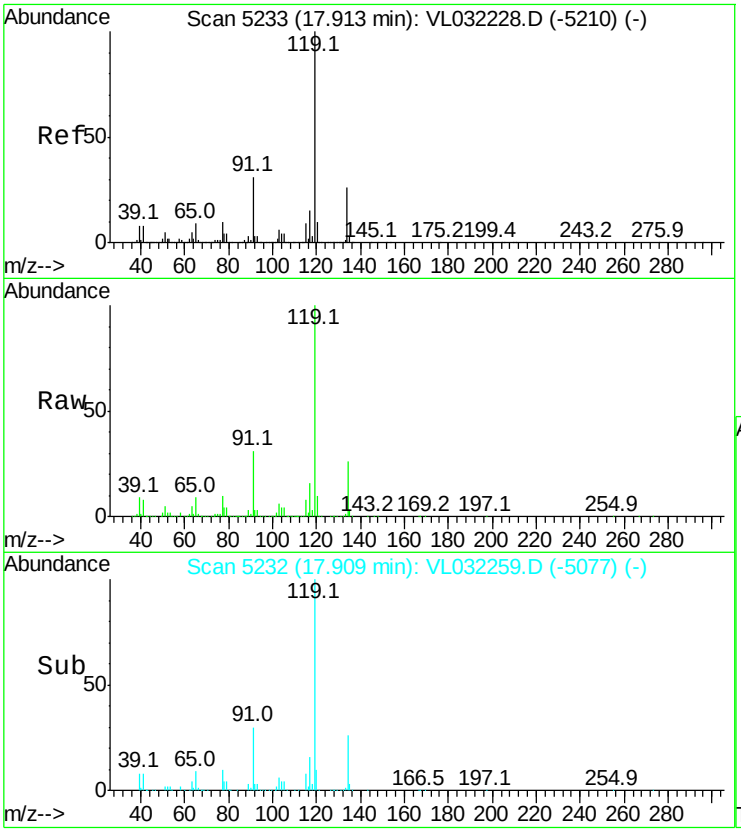


#68
1-Bromo-4-Fluorobenzene
Concen: 8.815 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 95 Resp: 3663052

Ion	Ratio	Lower	Upper
95	100		
174	55.4	44.6	67.0
175	4.1	3.3	4.9



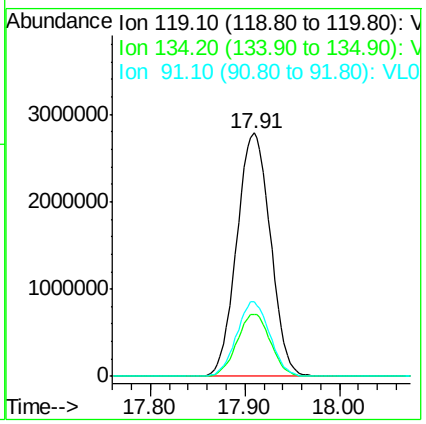


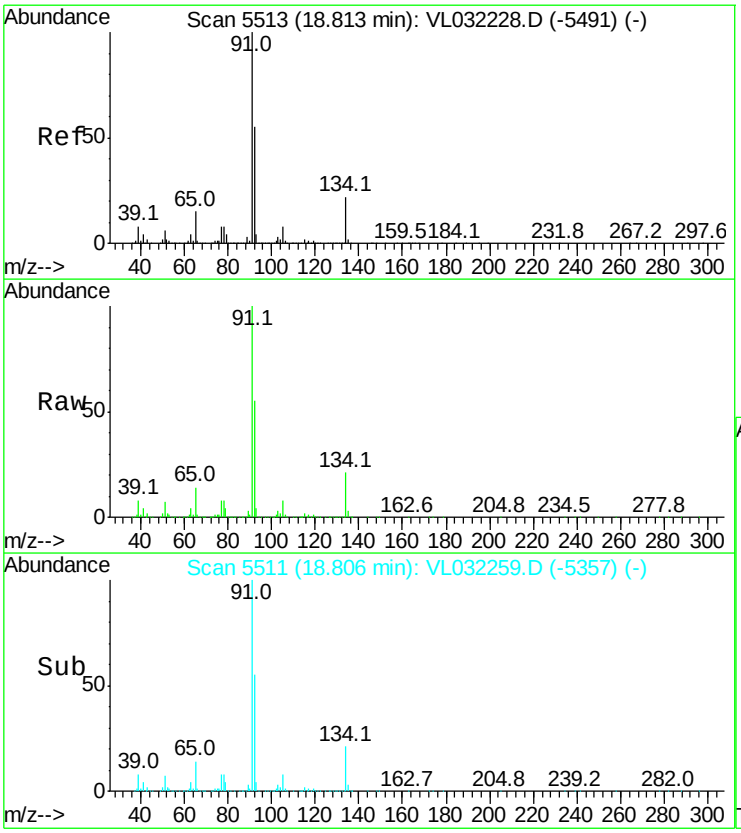
#69
p-Isopropyltoluene
Concen: 8.110 ppbv
RT: 17.91 min Scan# 5232
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 6877974

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.1	30.1
91	30.1	24.2	36.2

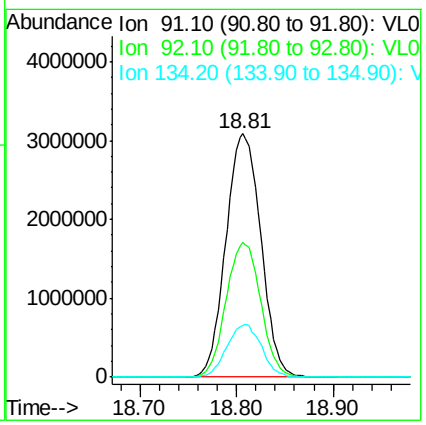


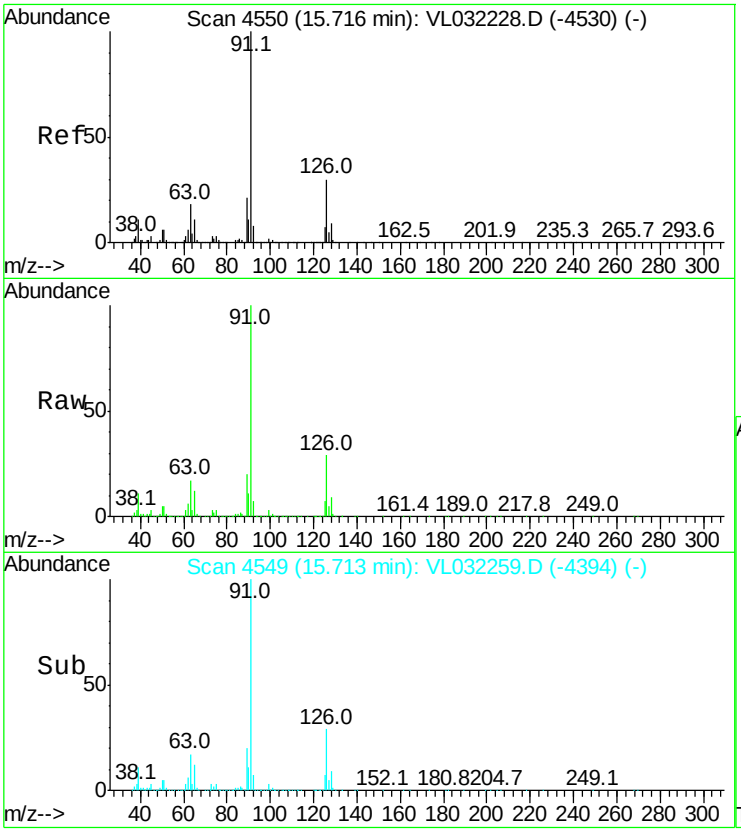


#70
n-Butylbenzene
Concen: 8.250 ppbv
RT: 18.81 min Scan# 5511
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion: 91 Resp: 7729084

Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.6	65.4
134	21.4	17.1	25.7



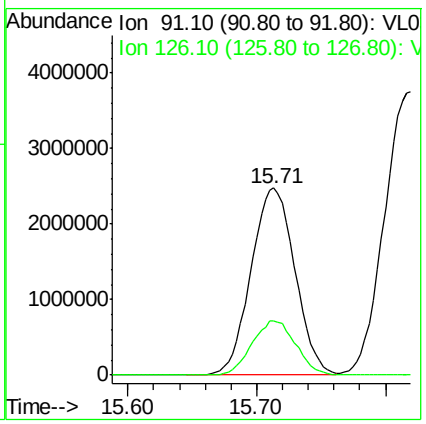


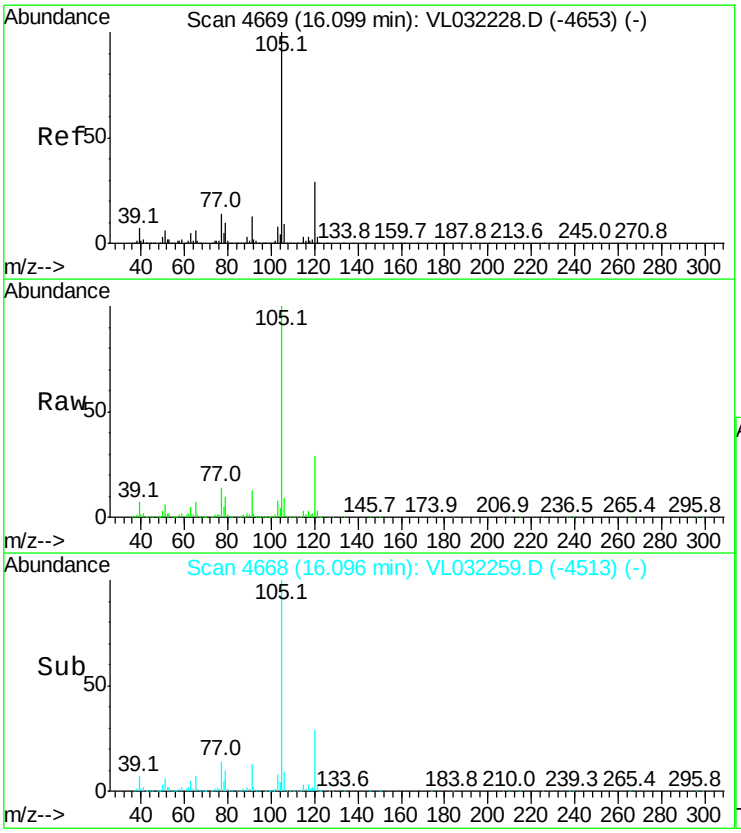
#71
2-Chlorotoluene
Concen: 8.389 ppbv
RT: 15.71 min Scan# 4549
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 5875184

Ion	Ratio	Lower	Upper
91	100		
126	28.9	11.7	46.7

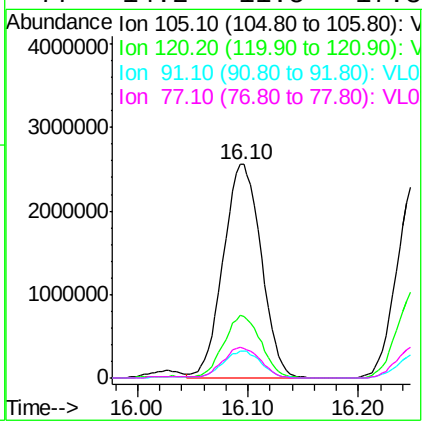


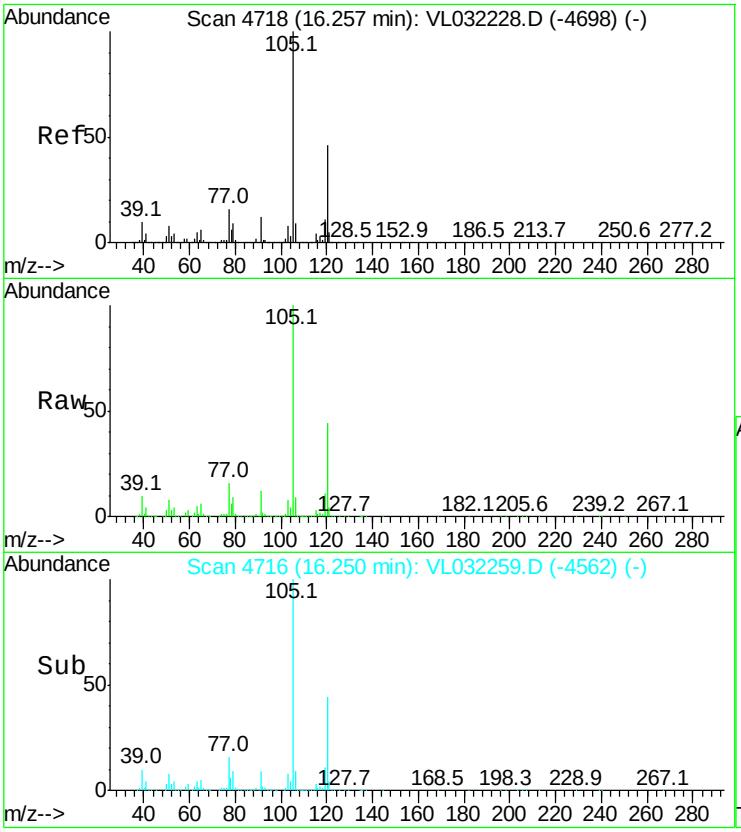


#72
4-Ethyltoluene
Concen: 8.561 ppbv
RT: 16.10 min Scan# 4668
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:105 Resp: 6096463

Ion	Ratio	Lower	Upper
105	100		
120	28.8	23.3	34.9
91	12.6	10.3	15.5
77	14.2	11.5	17.3



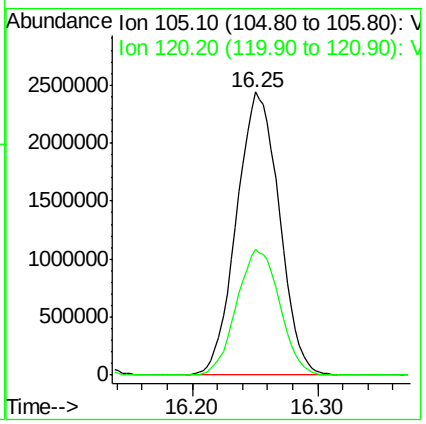


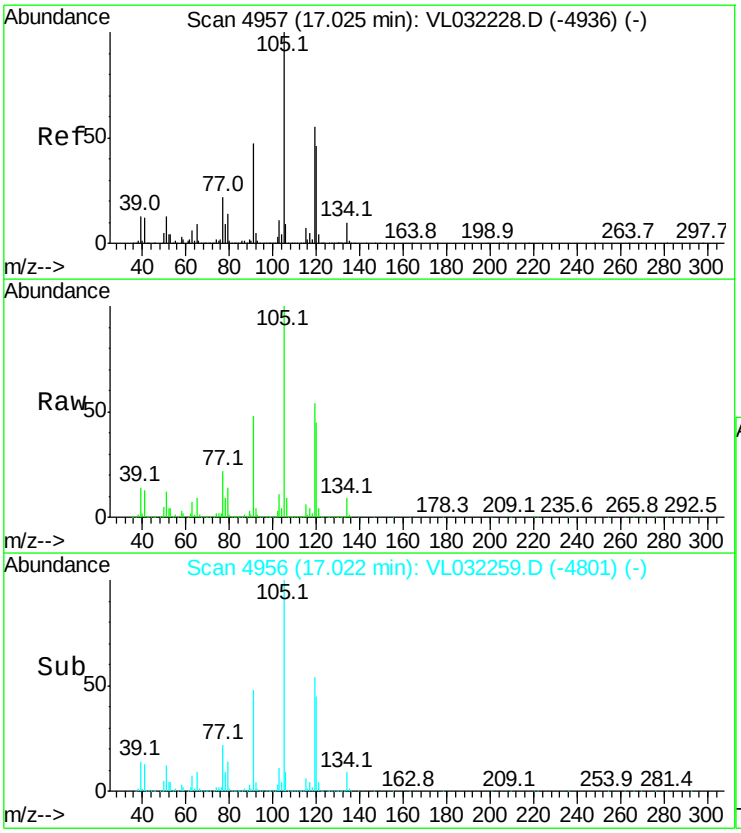
#73
1,3,5-Trimethylbenzene
Concen: 8.690 ppbv
RT: 16.25 min Scan# 4716
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 5754274

Ion	Ratio	Lower	Upper
105	100		
120	44.4	36.6	54.8

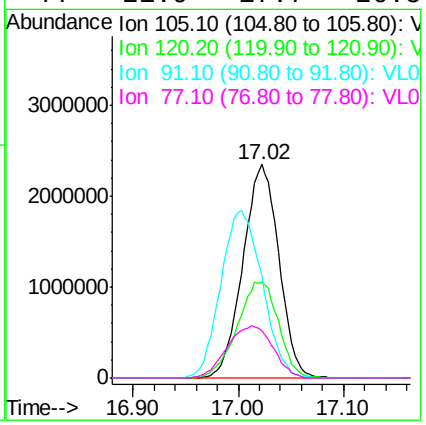


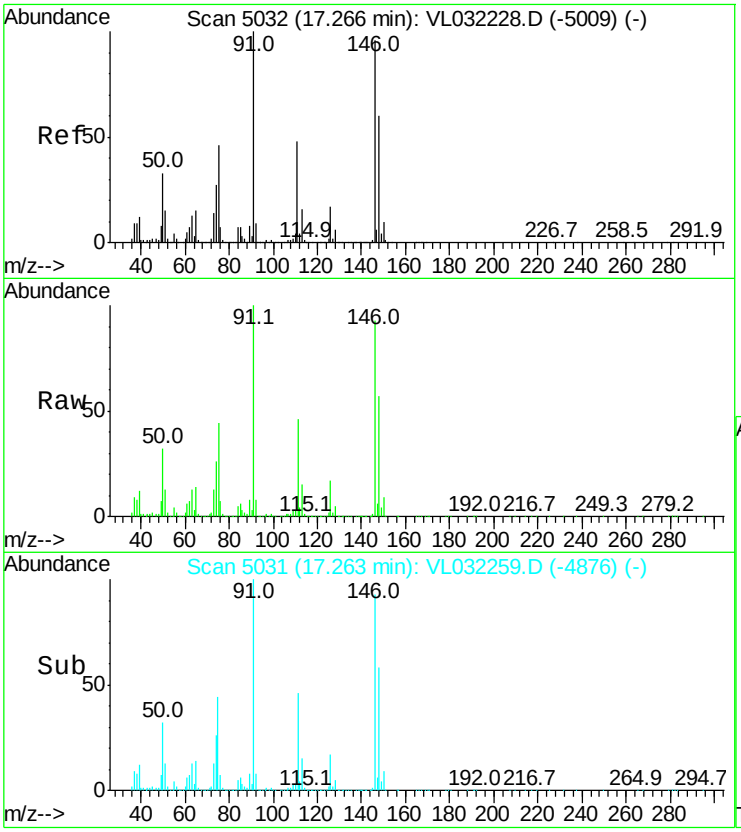


#74
1,2,4-Trimethylbenzene
Concen: 8.225 ppbv
RT: 17.02 min Scan# 4956
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:105 Resp: 5568634

Ion	Ratio	Lower	Upper
105	100		
120	44.7	37.0	55.4
91	47.8	38.2	57.2
77	21.9	17.7	26.5



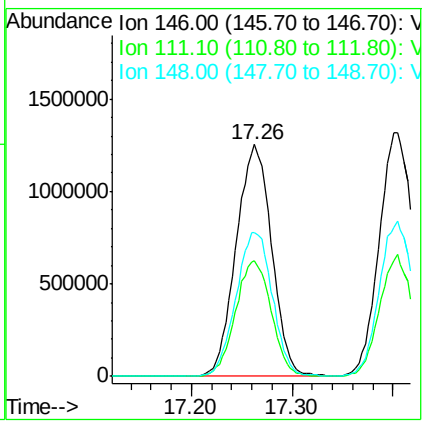


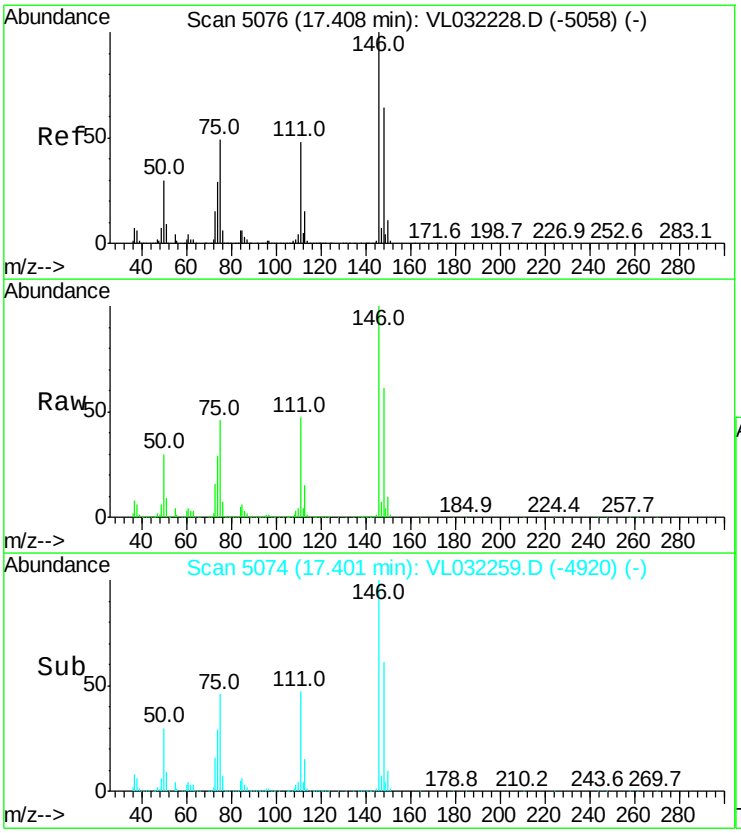
#75
1,3-Dichlorobenzene
Concen: 7.570 ppbv
RT: 17.26 min Scan# 5031
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 3057649

Ion	Ratio	Lower	Upper
146	100		
111	50.3	24.9	74.7
148	63.5	31.9	95.5

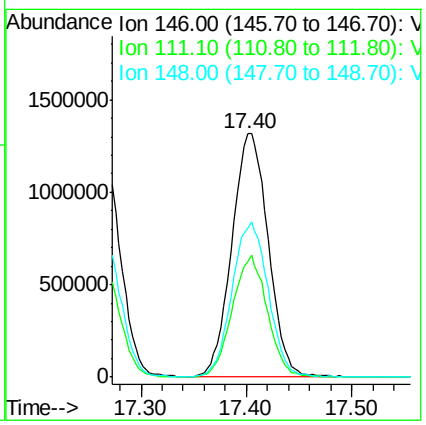


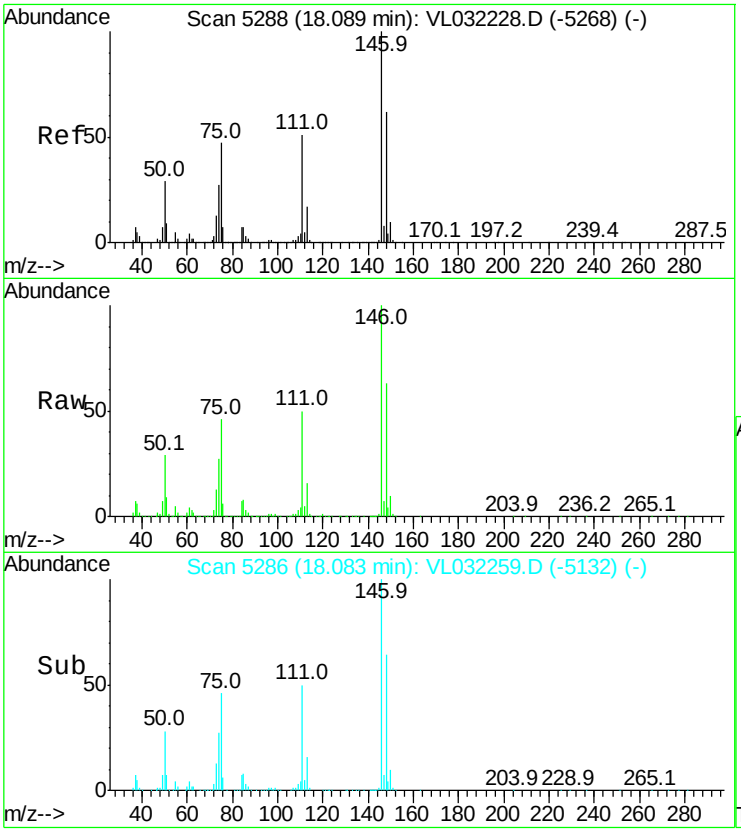


#76
1,4-Dichlorobenzene
Concen: 7.927 ppbv
RT: 17.40 min Scan# 5074
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:146 Resp: 3135807

Ion	Ratio	Lower	Upper
146	100		
111	48.1	24.6	73.6
148	63.9	32.3	96.9



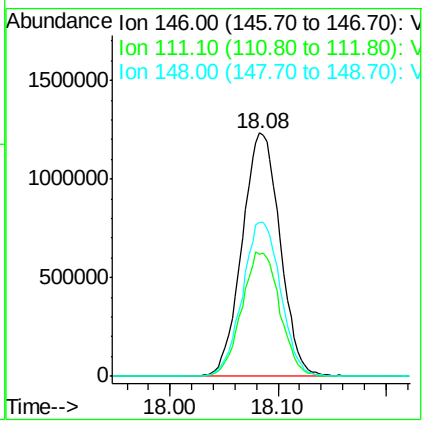


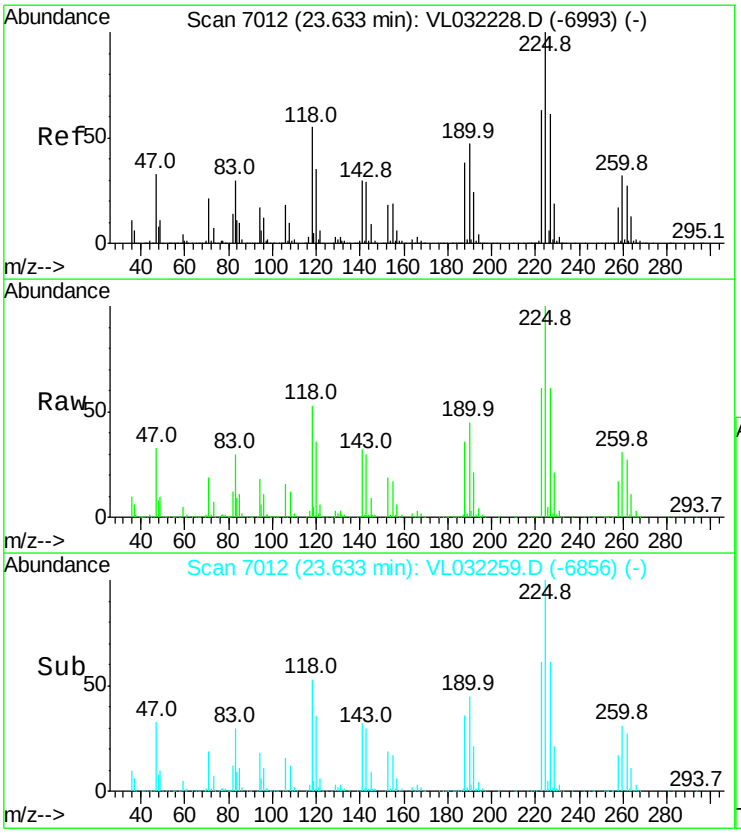
#77
1,2-Dichlorobenzene
Concen: 7.523 ppbv
RT: 18.08 min Scan# 5286
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 3020095

Ion	Ratio	Lower	Upper
146	100		
111	51.2	26.1	78.3
148	63.7	32.0	96.0

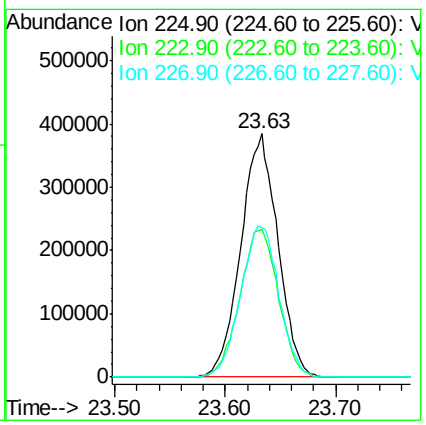


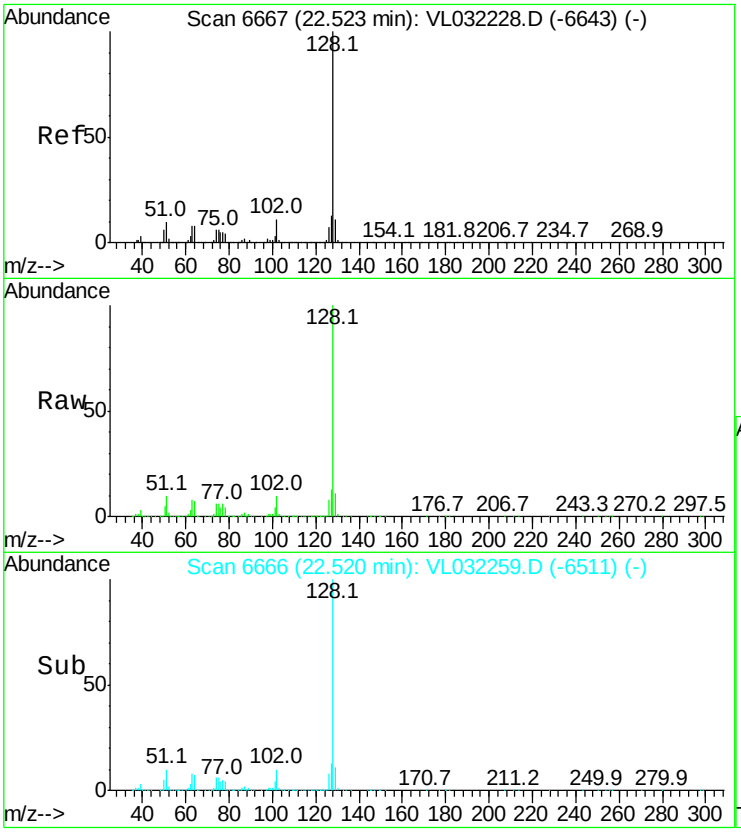


#78
Hexachloro-1,3-Butadiene
Concen: 7.158 ppbv
RT: 23.63 min Scan# 7012
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:225 Resp: 895573

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.3	75.5
227	64.4	50.9	76.3



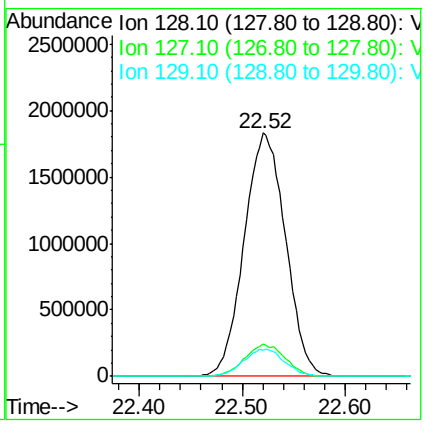


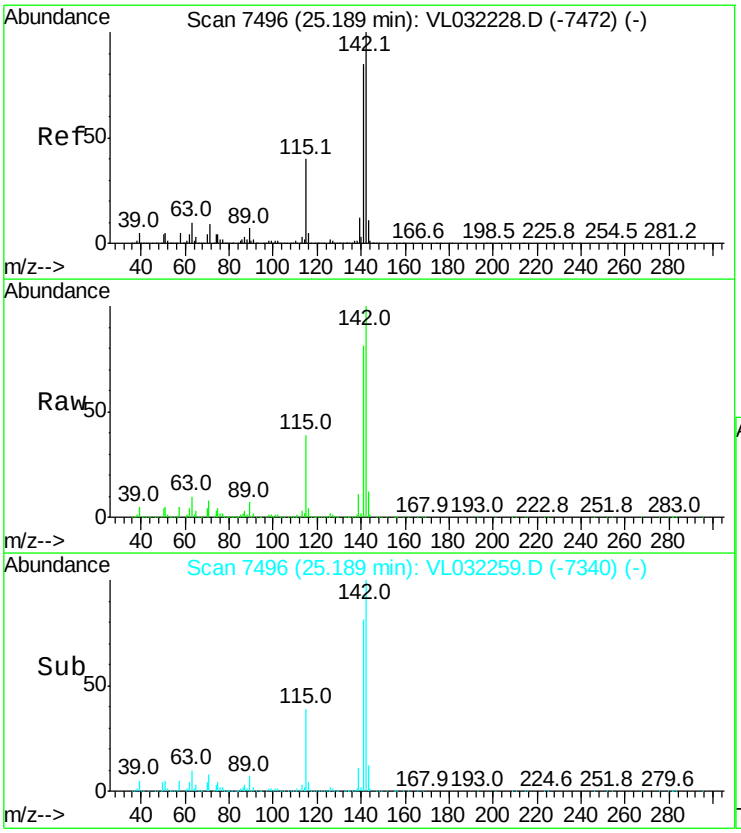
#79
Naphthalene
Concen: 11.197 ppbv
RT: 22.52 min Scan# 6666
Delta R.T. -0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 5089402

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	10.7	9.0	13.4

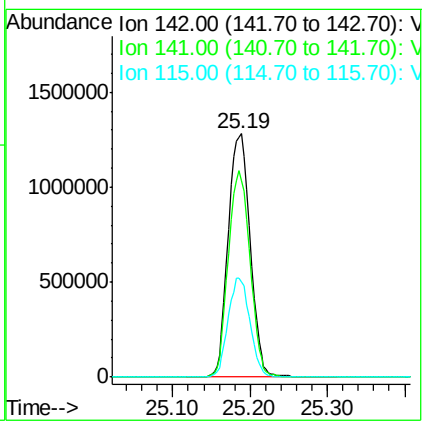


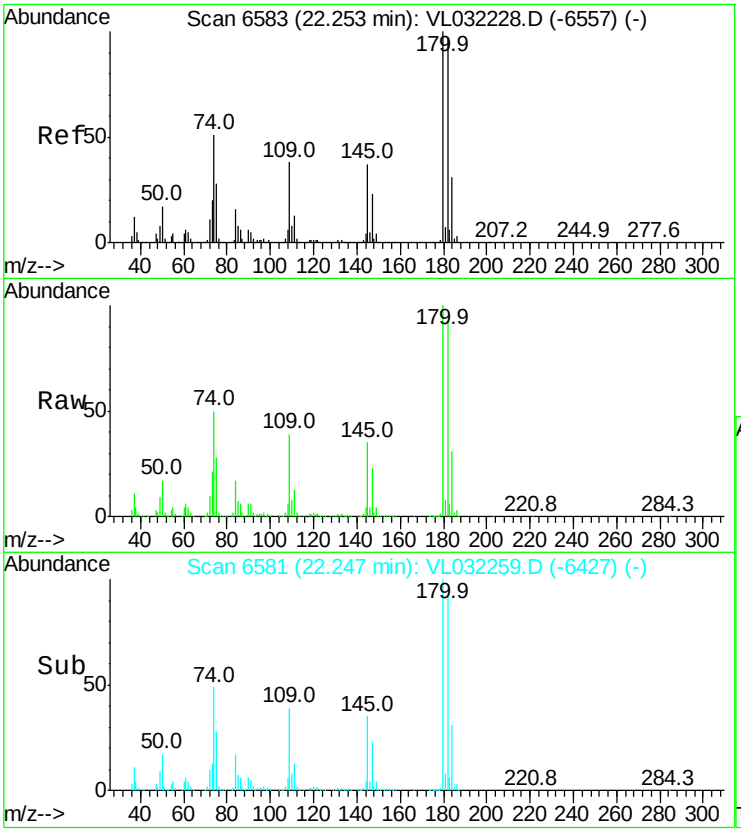


#80
Naphthalene,2-methyl-
Concen: 17.219 ppbv
RT: 25.19 min Scan# 7496
Delta R.T. 0.00 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Tgt Ion:142 Resp: 2500339

Ion	Ratio	Lower	Upper
142	100		
141	83.9	67.0	100.6
115	40.6	32.6	49.0





#81
1,2,4-Trichlorobenzene
Concen: 10.525 ppbv
RT: 22.25 min Scan# 6581
Delta R.T. -0.01 min
Lab File: VL032259.D
Acq: 18 Jul 2018 9:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 2393920

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.1	114.1
184	30.5	24.2	36.4